Curriculum Vitae

Jimmy Ho Man Lee
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1 Personal Data

Sex:	Male	Date of birth:	20th August, 1963
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2 Education and Professional Qualification

Sep/12: Fellow, The Hong Kong Institution of Engineers, Hong Kong

Sep/88–Jul/92: Ph.D. (Computer Science), University of Victoria, Victoria, B.C., Canada

May/87–Aug/88: M.Math. (Computer Science, thesis option), University of Waterloo, Waterloo, Ontario, Canada

Sep/83–Apr/87: B.Math. (Double Honours Computer Science and Applied Mathematics—Dean's Honours List), University of Waterloo, Waterloo, Ontario, Canada

3 Research and Work Experience

Aug/18–present: Assistant Dean (Education), Faculty of Engineering, The Chinese University of Hong Kong, Hong Kong

Sep/18–present: Program Director and Graduate Division Head, Master of Science in Financial Technology, Faculty of Engineering, The Chinese University of Hong Kong, Hong Kong

Sep/14–present: Associate Dean of Students, New Asia College, The Chinese University of Hong Kong, Hong Kong

Dec/12–present: Chair, Senate Committee on Student Discipline, The Chinese University of Hong Kong, Hong Kong

Aug/04–present: Professor, Department of Computer Science and Engineering, The Chinese University of Hong Kong, Hong Kong

Jan/12–Dec/20: Professor (by Courtesy), Department of Systems Engineering and Engineering Management, The Chinese University of Hong Kong, Hong Kong

Aug/18: Visiting Professor, School of Computer Science, University of St. Andrews, Scotland, United Kingdom

Aug/17–Oct/17: Visiting Professor, Department of Computing and Information Systems, The University of Melbourne, Melbourne, Australia

Feb/16–Jun/16: Visiting Professor, Department of Computing and Information Systems, The University of Melbourne, Melbourne, Australia

Sep/11–Jul/14: Program Co-Director, Master of Arts Programme in Information Technology in Education, Hong Kong Institute for Educational Research, The Chinese University of Hong Kong, Hong Kong

Sep/11–Dec/12: Director, Centre for the Advancement of IT in Education, Hong Kong Institute for Educational Research, The Chinese University of Hong Kong, Hong Kong

Jul/11–Aug/11: Visiting Professor, GREYC, Université of Caen, France

Aug/09–Aug/11: Co-Director, Centre for the Advancement of IT in Education, Hong Kong Institute for Educational Research, The Chinese University of Hong Kong, Hong Kong

Aug/08–Jul/11: Graduate Division Head, Department of Computer Science and Engineering, The Chinese University of Hong Kong, Hong Kong

May/05–Jul/09: Associate Director (Research and Development), Centre for the Advancement of IT in Education, Hong Kong Institute for Educational Research, The Chinese University of Hong Kong, Hong Kong

Apr/05: Visiting Professor, Laboratoire d'Informatique Fondamentale d'Orléans, l'Université d'Orléans, Orléans, France

Aug/97–Jul/04: Associate Professor, Department of Computer Science and Engineering, The Chinese University of Hong Kong, Hong Kong

Aug/92–Jul/97: Assistant Professor, Department of Computer Science and Engineering, The Chinese University of Hong Kong, Hong Kong

4 Publications

Edited Volumes

1. Jimmy Lee (Editor), *Proceedings of the 17th International Conference on Principles and Practice of Constraint Programming*, 836 pages, LNCS 6876, Springer, Perugia, Italy, September, 2011

2. J.H.M. Lee, T. Shih, Q. Wang, and Y. Zhao (Editors). *Proceedings of the 11th Global Chinese Conference on Computers in Education (GCCCE'07)*, Volumes 1 & 2 (916 pages), Beijing Normal University Press, Quangzhou, China, May, 2007

3. Jimmy Lee, Akihiro Kashihara, Ben Chang, Judy Kay, Daniel Suthers, Tatsunori Matsui, Fu-Yun Yu, and Ryo Okamoto (Editors). *Supplementary Proceedings: Workshop/Doctoral Students Consortium of the 15th International Conference on Computers in Education (ICCE'07)*, Volumes 1 & 2 (372 pages), Hiroshima, Japan, November, 2007

Book Chapters

1. Morris S.Y. Jong, Jimmy H.M. Lee and Junjie Shang. Educational Use of Computer Games: Where We Are, And What's Next. In *Ronghuai Huang, Michael Spector & Kinshuk, Reshaping Learning - The Frontiers of Learning Technologies in Global Context*, pages 299–320, Springer Verlag, 2013

2. Junjie Shang, Morris Siu Yung Jong, Fong Lok Lee, and Jimmy Ho Man Lee. Problem Solving Processes and Strategies in the Virtual Interactive Student-Oriented Learning Environment. In *H. Yang & S. Wang (Eds.), Cases on E-Learning Management: Development and Implementation*, pages 223–239, IGI Global, 2012

3. M.S.Y. Jong, J.J. Shang, F.L. Lee, and J.H.M. Lee. Constructivist learning through computer gaming. In *M.R. Syed (Ed.), Technologies shaping instruction and distance education: New studies and utilization*, pages 207–222, New York: Information Science Reference, 2010

4. M.S.Y. Jong, J.J. Shang, F.L. Lee, and J.H.M. Lee. VISOLE—A constructivist pedagogical approach to game-based learning. In *H. Yang, & S. Yuen (Eds.), Collective intelligence and e-learning 2.0: Implications of web-based communities and networking*, pages 185–206, New York: Information Science Reference, 2010

Refereed International Journals

1. Jimmy H.M. Lee and Zichen Zhu. Towards Breaking More Composition Symmetries in Partial Symmetry Breaking, *Artificial Intelligence*, 252:51–82, November, 2017

2. David Allouche, Christian Bessiere, Patrice Boizumault, Simon de Givry, Patricia Gutierrez, Jimmy H.M. Lee, Ka Lun Leung, Samir Loudni, Jean-Philippe Métivier, Thomas Schiex and Yi Wu. Tractability-preserving Transformations of Global Cost Functions, *Artificial Intelligence*, 238:166–189, September, 2016

3. Jimmy H.M. Lee, Pedro Meseguer and Wen Su. Adding Laziness in BnB-ADOPT+, *CONSTRAINTS*, 20(2):274–282, 2015

4. Arnaud Lallouet, Jimmy H.M. Lee, Terrence W.K. Mak and Justin Yip. Ultra-Weak Solutions and Consistency Enforcement in Minimax Weighted Constraint Satisfaction, *CONSTRAINTS*, 20(2):109–154, 2015

5. J.H.M. Lee, K.L. Leung and Y.W. Shum. Consistency Techniques for Polytime Linear Global Cost Functions in Weighted Constraint Satisfaction, *CONSTRAINTS*, 19(3):270–308, 2014

6. Y.C. Law, J.H.M. Lee, T. Walsh and M.H.C. Woo. Multiset Variable Representations and Constraint Propagation, *CONSTRAINTS*, 18(3):307–343, 2013

7. J.H.M. Lee and K.L. Leung. Consistency Techniques for Flow-Based Projection-Safe Global Cost Functions in Weighted Constraint Satisfaction, *Journal of Artificial Intelligence Research*, 43:257–292, 2012

8. Morris S.Y. Jong, Weiqin Chen, Alex W.C. Tse, Fong-lok Lee, and Jimmy H.M. Lee. Using Posting Templates for Enhancing Students' Argumentative Elaborations in Computer-Supported Collaborative Inquiry Learning, *Research and Practice in Technology Enhanced Learning*, 5(3):275–294, 2010

9. Morris S.Y. Jong, Junjie Shang, Fong-lok Lee, and Jimmy H.M. Lee. An Evaluative Study on VISOLE—Virtual Interactive Student-Oriented Learning Environment, *IEEE Transactions on Learning Technologies*, 3(4):307–318, 2010

10. Y.C. Law, J.H.M. Lee, and M.H.C. Woo. Redundant Modeling in Permutation Weighted Constraint Satisfaction Problems, *CONSTRAINTS*, 15(3):354-403, 2010

11. Stefano Bistarelli, Philippe Codognet, H.K.C. Hui, and J.H.M. Lee. Solving Finite Domain Constraint Hierarchies by Local Consistency and Tree Search, *Journal of Experimental and Theoretical Artificial Intelligence*, 21(4):233–257, 2009.

12. Kevin K.F. CHEUNG, Morris S.Y. JONG, F.L. LEE, Jimmy H.M. LEE, Eric T.H. LUK, Junjie SHANG, and Marti K.H. WONG. FARMTASIA: an Online Game-based Learning Environment Based on the VISOLE Pedagogy, *Journal of Virtual Reality*, 12(1):17–25, 2008

13. Junjie Shang, Morris S.Y. Jong, Fong-Lok Lee, and Jimmy H.M. Lee. Case Studies of Game-based Learning and Insights into Educational Games Design (in Chinese), *China Educational Technology*, 2, pages 65–71, 2008

14. Yuxia Zhou, Fong-Lok Lee, Jimmy H.M. Lee, and Junjie Shang. Play or Learn: Students' Cognition, Sentiments, Meaning, and Behavior in the Learning Villages Platform (in Chinese), *Journal of Chinese Distance Learning Research*, 1, 2008

15. Morris S.Y. Jong, Junjie Shang, Fong-Lok Lee and Jimmy H.M. Lee. Harnessing Computer Games in Education: Why and How? *International Journal of Distance Education Technologies*, 6(1), pages 1-9, 2008

16. Junjie Shang, Morris S.Y. Jong, Fong-Lok Lee, and Jimmy H.M. Lee. Motivation Strategies and Effectiveness of VISOLE (in Chinese), *Global Chinese Journal for Computers in Education*, 5(1–2), pages 72–84, 2007

17. C.W. Choi, J.H.M. Lee, and P.J. Stuckey. Removing Propagation Redundant Constraints in Redundant Modeling, *ACM Transactions on Computational Logic*, 8(4), Article 23 (38 pages), 2007

18. H. Fang, Y. Kilani, J.H.M. Lee, and P.J. Stuckey. The Island Confinement Method for Reducing Search Space in Constraint Satisfaction, *Journal of Heuristics*, 13(6), pages 557–585, 2007

19. Y.C. Law, J.H.M. Lee, and B.M. Smith. Automatic Generation of Redundant Models for Permutation Constraint Satisfaction Problems, *CONSTRAINTS*, 12(4), pages 469–505, 2007

20. J.J. Shang, M.S.Y. Jong, F.L. Lee, J.H.M. Lee, and H.Y. Law. Computer Games in Education: A Comparative Study between Hong Kong and Beijing, *Journal of Computational Information Systems*, 2(2), pages 481-487, 2006

21. Y.C. Law and J.H.M. Lee. Symmetry Breaking Constraints for Value Symmetries in Constraint Satisfaction, *CONSTRAINTS*, 11(2–3), pages 221–267, 2006

22. Jimmy Ho-Man Lee, Fong-Lok Lee, and Tai-Shing Lau. Folklore-based Learning on the Web—Pedagogy, Case Study and Evaluation, *Journal of Educational Computing Research*, 34(1), pages 1–27, 2006.

23. Junjie Shang, Fong-Lok Lee, and Jimmy Ho-Man Lee. Light Game: The Future of the Digital Game-Based Learning (in Chinese), *Journal of e-Education Research*, 1, pages 24–26, 2005

24. F.L. Lee, K.K. Lau, and J.H.M. Lee. Developing Global Chinese Web-based Learning Environment (in Chinese), *Global Chinese Journal on Computers in Education*, 1(1), pages 7–19, 2003

25. Fong-lok Lee, Jimmy Ho-man Lee, and Tai-shing Lau. Fantasy-based Learning on the Web—Tong Pak Fu and Chou Heung: the Probabilistic Fantasy, *Hong Kong Science Teachers' Journal*, 21(1), pages 10–14, 2003

26. Xudong Luo, Nicholas R. Jennings, Nigel Shadbolt, Ho-fung Leung, and Jimmy Ho-man Lee. A Fuzzy Constraint Based Knowledge Model for Bilateral, Multi-Issue Negotiations in Competitive Environments, *Artificial Intelligence*, 148(1–2), pages 53–102, 2003

27. Xudong Luo, Jimmy Ho-man Lee, Ho-fung Leung, and Nicholas R. Jennings. Prioritised Fuzzy Constraint Satisfaction Problems: Axioms, Instantiation and Validation, *Fuzzy Sets and Systems*, 136(2), pages 155–188, Elsevier Science Ltd, 2003

28. C.K. Chiu and J.H.M. Lee. Efficient Interval Linear Equality Solving in Constraint Logic Programming, *Reliable Computing*, 8(2), pages 139–174, Kluwer Academic Publishers, 2002

29. C.K. Chiu, C.M. Chou, J.H.M. Lee, H.F. Leung, and Y.W. Leung. A Constraint-Based Interactive Train Rescheduling Tool, *CONSTRAINTS*, 7(2), pages 167–198, Kluwer Academic Publishers, 2002

30. K.M.F. Choi, J.H.M. Lee, and P.J. Stuckey. A Lagrangian Reconstruction of GENET, *Artificial Intelligence*, 123(1–2), pages 1–39, Elsevier Science Ltd, 2000

31. J.H.M. Lee and H.F. Leung. An Execution Scheme for Interactive Problem-Solving in Concurrent Constraint Logic Programming Languages, *Computer Languages*, 25(3), pages 119–144, Elsevier Science Ltd, 2000

32. B.M.W. Cheng, K.M.F. Choi, J.H.M. Lee, and J.C.K. Wu. Increasing Constraint Propagation by Redundant Modeling: an Experience Report, *CONSTRAINTS*, 4, pages 167–192, Kluwer Academic Publishers, 1999

33. C.K. Chiu and J.H.M. Lee. Extending HCLP with Partially Ordered Hierarchies and Composite Constraints, *Journal of Experimental and Theoretical Artificial Intelligence*, 10, pages 5–24, Taylor & Francis Ltd, 1998

34. B.M.W. Cheng, J.H.M. Lee, and J.C.K. Wu. A Nurse Rostering System Using Constraint Programming and Redundant Modeling, *IEEE Transactions on Information Technology in Biomedicine*, 1, pages 44–54, IEEE Publishers, 1997

35. J.H.M. Lee and P.K.C. Pun. $\mathcal{O}$bject $\mathcal{L}$ogic $\mathcal{I}$ntegration: a Multiparadigm Design Methodology and a Programming Language, *Computer Languages*, 23, pages 25–42, Elsevier Science Ltd, 1997

36. J.H.M. Lee and V.W.L. Tam. A Framework for Integrating Artificial Neural Networks and Logic Programming, *International Journal on Artificial Intelligence Tools*, 4(1&2), pages 3–32, World Scientific, June, 1995

37. J.H.M. Lee and M.H. van Emden. Interval Computation as Deduction in CHIP, *Journal of Logic Programming*, 16(3&4), pages 255-276, North-Holland, May, 1993

Refereed International Conferences

1. Jasper C.H. Lee, Jimmy H.M. Lee and Allen Z. Zhong. Augmenting Stream Constraint Programming with Eventuality Conditions, *Proceedings of the 24th International Conference on Principles and Practice of Constraint Programming (CP-18)*, pages 242–258, Lille, France, August, 2018

2. Jimmy Lee and Zichen Zhu. Static Symmetry Breaking with the Reflex Ordering, *Proceedings of the 25th International Joint Conference on Artificial Intelligence (IJCAI-16)*, pages 758–765, New York City, USA, July, 2016

3. Jimmy Lee and Zichen Zhu. Breaking More Composition Symmetries Using Search Heuristics, *Proceedings of the 30th AAAI Conference on Artificial Intelligence (AAAI 2016)*, pages 3418–3425, Phoenix, Arizona, USA, February, 2016

4. Jimmy Lee, Christian Schulte and Zichen Zhu. Increasing Nogoods in Restart-Based Search, *Proceedings of the 30th AAAI Conference on Artificial Intelligence (AAAI 2016)*, pages 3426–3433, Phoenix, Arizona, USA, February, 2016

5. Jimmy H.M. Lee and Zichen Zhu. Filtering Nogoods Lazily in Dynamic Symmetry Breaking During Search, *Proceedings of the 24th International Joint Conference on Artificial Intelligence (IJCAI 2015)*, pages 339–345, Buenos Aires, Argentina, July, 2015

6. Jasper Lee and Jimmy Lee. Towards Practical Infinite Stream Constraint Programming: Applications and Implementation, *Proceedings of the 20th International Conference on Principles and Practice of Constraint Programming (CP 2014)*, pages 449-464, Lyon, France, September, 2014

7. Simon De Givry, Jimmy Lee, Ka Lun Leung and Yu Wai Shum. Solving a Judge Assignment Problem Using Conjunctions of Global Cost Functions, *Proceedings of the 20th International Conference on Principles and Practice of Constraint Programming (CP 2014)*, pages 797–812, Lyon, France, September, 2014

8. Jimmy Lee and Zichen Zhu. An Increasing-Nogoods Global Constraint for Symmetry Breaking During Search, *Proceedings of the 20th International Conference on Principles and Practice of Constraint Programming (CP 2014)*, pages 465-480, Lyon, France, September, 2014

9. Jimmy H.M. Lee and Zichen Zhu. Boosting SBDS for Partial Symmetry Breaking in Constraint Programming, *Proceedings of the Twenty-Eighth Conference on Artificial Intelligence (AAAI-14)*, pages 2695–2702, Quebec City, Quebec, Canada, July, 2014

10. Jimmy H.M. Lee and Yuxiang Shi. Removing Redundant Conflict Value Assignments in Resolvant Based Nogood Learning, *Proceedings of 13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS-14)*, pages 1133–1140, Paris, France, May, 2014

11. Jimmy H.M. Lee, Terrence W.K. Mak and Yuxiang Shi. A General Privacy Loss Aggregation Framework for Distributed Constraint Reasoning, *Proceedings of 25th IEEE International Conference on Tools with Artificial Intelligence (ICTAI-13)*, pages 979–986, Washington DC, USA, November, 2013

12. Patricia Gutierrez, Jimmy H.M. Lee, Ka Man Lei, Terrence W.K. Mak and Pedro Meseguer. Maintaining Soft Arc Consistencies in BnB-ADOPT+ During Search, *Proceedings of the 19th International Conference on Principles and Practice of Constraint Programming (CP-13)*, pages 365–380, Uppsala, Sweden, September, 2013

13. J.H.M. Lee and T.W.K. Mak. A Value Ordering Heuristic for Solving Ultra-Weak Solutions in Minimax Weighted CSPs, *Proceedings of the 24th IEEE International Conference on Tools with Artificial Intelligence (ICTAI-12)*, pages 17–24, Athens, Greece, November, 2012

14. J.H.M. Lee, K.L. Leung, and Y.W. Shum. Propagating Polynomially (Integral) Linear Projection-Safe Global Cost Functions in WCSPs, *Proceedings of the 24th IEEE International Conference on Tools with Artificial Intelligence (ICTAI-12)*, pages 9–16, Athens, Greece, November, 2012

15. Morris S.Y. Jong, Eric T.H. Luk, and Jimmy H.M. Lee. An Integrated GPS-supported Outdoor Exploratory Educational System—EagleEye, *Proceedings of the 20th International Conference on Computers in Education (ICCE-12)*, pages 338–345, Singapore, November, 2012

16. A. Lallouet, J.H.M. Lee, and T.W.K. Mak. Consistencies for Ultra-Weak Solutions in MWCSPs Using the Duality Principle, *Proceedings of the Eighteenth International Conference on Principles and Practice of Constraint Programming (CP-12)*, pages 373–389, Quebec City, Canada, October, 2012

17. J.H.M. Lee and J.Y. Li. Increasing Symmetry Breaking by Preserving Target Symmetries, *Proceedings of the Eighteenth International Conference on Principles and Practice of Constraint Programming (CP-12)*, pages 422–438, Quebec City, Canada, October, 2012

18. J.H.M. Lee, K.L. Leung and Y. Wu. Polynomially Decomposable Global Cost Functions in Weighted Constraint Satisfaction, *Proceedings of the Twenty-Sixth AAAI Conference on Artificial Intelligence (AAAI-12)*, pages 507–513, Toronto, Canada, July, 2012

19. Jimmy H.M. Lee, Terrence W.K. Mak, and Justin Yip. Weighted Constraint Satisfaction Problems with Min-Max Quantifiers, *Proceedings of the 23rd IEEE International Conference on Tools with Artificial Intelligence (ICTAI-11)*, pages 769–776, Florida, USA, November, 2011

20. J.H.M. Lee and Y.W. Shum. Modeling Soft Global Constraints as Linear Programs in Weighted Constraint Satisfaction, *Proceedings of the 23rd IEEE International Conference on Tools with Artificial Intelligence (ICTAI-11)*, pages 305–312, Florida, USA, November, 2011

21. Y.C. Law, J.H.M. Lee, M.H.W. Woo, and T. Walsh. A Comparison of Lex Bounds for Multiset Variables in Constraint Programming, *Proceedings of the Twenty-Fifth Conference on Artificial Intelligence (AAAI-11)*, pages 61–67, San Francisco, USA, August, 2011

22. A. Lallouet, Y.C. Law, J.H.M. Lee, and C.F.K. Siu. Constraint Programming on Infinite Data Streams, *Proceedings of the 22nd International Joint Conference on Artificial Intelligence (IJCAI 2011)*, pages 597–604, Barcelona, Spain, July, 2011

23. Morris S.Y. Jong, Junjie Shang, Fong-lok Lee, and Jimmy H.M. Lee. A Case Study of an Academic Achievement-oriented Student in Game-based Learning, *Proceedings of the 11th IEEE International Conference on Advanced Learning Technologies (ICALT 2011)*, pages 7–11, Athens, Georgia, July, 2011

24. Morris S.Y. Jong, Junjie Shang, Fong-lok Lee, and Jimmy H.M. Lee. The Significance of Emotional Support to Students in Game-based Learning, *Proceedings of the 18th International Conference on Computers in Education (ICCE'10)*, pages 525–532, Putrajaya, Malaysia, November, 2010

25. J.H.M. Lee and K.L. Leung. A Stronger Consistency for Soft Global Constraints in Weighted Constraint Satisfaction, *Proceedings of the Twenty-Fourth AAAI Conference on Artificial Intelligence (AAAI'10)*, pages 121–127, Atlanta, USA, July, 2010

26. Morris S.Y. Jong, Junjie Shang, Fong-lok Lee, and Jimmy H.M. Lee. A Case Study of a Non-Gamer Student's Learning Process in VISOLE, *Proceedings of the 3rd IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning*, pages 77–84, Koahsiung, Taiwan, April, 2010

27. J.H.M. Lee and K.L. Leung. Towards Efficient Consistency Enforcement for Global Constraints in Weighted Constraint Satisfaction, *Proceedings of the Twenty-First International Joint Conference on Artificial Intelligence (IJCAI'09)*, pages 559–565, Pasadena, California, USA, July, 2009

28. Y.C. Law, J.H.M. Lee, and M.H.C. Woo. Variety Reasoning for Multiset Constraint Propagation, *Proceedings of the Twenty-First International Joint Conference on Artificial Intelligence (IJCAI'09)*, pages 552–558, Pasadena, California, USA, July, 2009

29. J.J. Shang, M. Jong, F.L. Lee, and J.H.M. Lee. Problem Solving Process and Strategies in the Virtual Interactive Student-Oriented Learning Environment (in Chinese), *Proceedings of the 13th Global Chinese on Computers in Education Conference (GCCCE 2009)*, pages 150–158, Taipei, Taiwan, May, 2009

30. Morris S.Y. Jong, Alex W.C. Tse, Yuxia Zhou, Weiqin Chen, Fong-lok Lee, Jimmy H.M. Lee. Using Posting Templates for Enhancing Students' Argumentative Elaborations in Learning Villages, *Proceedings of the 2nd IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning (DIGITEL 2008)*, pages 180–187, Banff, Canada, November, 2008

31. J.H.M. and F.K. Siu. Stronger Consistencies in WCSPs with Set Variables, *Proceedings of the 20th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2008)*, pages 291–298, Dayton, Ohio, USA, November, 2008

32. M. Jong, J.J. Shang, F.L. Lee, and J.H.M. Lee. Teachers' Concerns about the Implementation of the VISOLE Pedagogy, *Proceedings of the 16th International Conference on Computers in Education (ICCE-2008)*, 8 pages (electronic proceedings), Taipei, Taiwan, October, 2008

33. J.J. Shang, M.S.Y. Jong, F.L. Lee, and J.H.M. Lee. VISOLE: An Example of Hybrid Learning, *Proceedings of the First International Conference on Hybrid Learning 2008 (ICHL 2008)*, pages 348–358, LNCS 5169, Hong Kong, August, 2008

34. Y.C. Law, J.H.M. Lee, and M.H.C. Woo. A Parameterized Local Consistency for Redundant Modeling in Weighted CSPs, *Proceedings of the 20th Australian Joint Conference on Artificial Intelligence (AI 2007)*, pages 191–201, LNAI 4830, Gold Coast, Queensland, Australia, December, 2007

35. Y.C. Law, J.H.M. Lee, T. Walsh, and J.Y.K. Yip. Breaking Symmetry of Interchangeable Variables and Values, *Proceedings of the Thirteenth International Conference on Principles and Practice of Constraint Programming (CP'07)*, pages 423–437, LNCS 4741, Providence, Rhode Island, USA, September, 2007

36. C.W. Choi and J.H.M. Lee. Solving the Salinity Control Problem in a Potable Water System, *(Applications Track) Proceedings of the Thirteenth International Conference on Principles and Practice of Constraint Programming (CP'07)*, pages 33–48, LNCS 4741, Providence, Rhode Island, USA, September, 2007

37. M. Jong, J.J. Shang, E.T.H. Luk, K.K.F. Cheung, F.K.Y. Ng, F.L. Lee, and J.H.M. Lee. Teachers' Perceptions of Harnessing VISOLE for Learning and Teaching, *Proceedings of the 11th Global Chinese Conference on Computers in Education (GCCCE'07)*, pages 392–399, Quangzhou, China, May, 2007.

38. J.J. Shang, M. Jong, F.L. Lee, and J.H.M. Lee. Motivation Strategies and Effectiveness of VISOLE (in Chinese), *Proceedings of the 11th Global Chinese Conference on Computers in Education (GCCCE'07)*, pages 368–375, Quangzhou, China, May, 2007.

39. Junjie Shang, Morris Siu Yung Jong, Fong Lok Lee, and Jimmy Ho Man Lee. A Pilot Study on Virtual Interactive Student-Oriented Learning Environment, *Proceedings of the First International Workshop on Digital Game and Intelligent Toy Enhanced Learning*, IEEE, March, Taiwan, 2007

40. Y.C. Law, J.H.M. Lee, and M.H.C. Woo. Speeding up Weighted Constraint Satisfaction using Redundant Modeling, *Proceedings of the 19th Australian Joint Conference on Artificial Intelligence (AI 2006)*, pages 59–68, LNAI 4304, December, Tasmania, Australia, 2006

41. C. W. Choi, W. Harvey, J.H.M. Lee, and P.J. Stuckey. Finite Domain Bounds Consistency Revisited, *Proceedings of the 19th Australian Joint Conference on Artificial Intelligence (AI 2006)*, pages 49–58, LNAI 4304, December, Tasmania, Australia, 2006

42. Junjie Shang, Morris S.Y. Jong, Fong-Lok Lee, Jimmy H.M. Lee, Marti K.H. Wong, Eric T.H. Luk, Kevin K.F. Cheung. Using the "Record-Replay" Function for Elaboration of Knowledge in Educational Games, *Proceedings of the 14th International Conference on Computers in Education (ICCE-2006)*, pages 503–506, Beijing, China, December, 2006

43. Morris S.Y. Jong, Junjie Shang, Fong-Lok Lee, Jimmy H.M. Lee, Huk-Yuen Law. An Exploratory Study on Teachers' Perceptions of Game-based Situated Learning, *Proceedings of the 14th International Conference on Computers in Education (ICCE-2006)*, pages 525–532, Beijing, China, December, 2006

44. J.H.M. Lee and C.F.K. Siu. Weighted Constraint Satisfaction with Set Variables, *Proceedings of the Twenty-First National Conference on Artificial Intelligence (AAAI'06)*, pages 80–85, Boston, Massachusetts, USA, July, 2006

45. Junjie Shang, Morris S.Y. Jong, Fong-Lok Lee, Jimmy H.M. Lee. An Empirical Study on On-line Game Players' Motivation (in Chinese), *Proceedings of the Tenth Global Chinese Conference on Computers in Education*, 13 pages (CD-ROM Proceedings), June, Beijing, China, 2006

46. Morris S.Y. Jong, Junjie Shang, Fong-Lok Lee, Jimmy H.M. Lee. Two Critical Teacher Facilitating Tasks in VISOLE: Scaffolding and Debriefing, *Proceedings of the Tenth Global Chinese Conference on Computers in Education*, 5 pages (CD-ROM Proceedings), June, Beijing, China, 2006

47. S.K.L. Fung, J.H.M. Lee, and H.F. Leung. Incorporating Simplex Method into Guided Complete Search: An Application to the Nurse Rostering Problem, *Proceedings of the 19th International FLAIRS Conference*, pages 141–146, May, Melbourne Beach, Florida, U.S.A., 2006

48. E.T.H. Luk, M.K.H. Wong, K.K.F. Cheung, F.L. Lee, and J.H.M. Lee. Design and Implementation of Farmtasia: a game designed for the VISOLE Teaching Style, *Proceedings of the Edutainment 2006 International Conference on E-learning and Games*, LNCS 3942, pages 566–571, April, Hangzhou, China, 2006

49. Fong-Lok Lee, Jimmy Ho-Man Lee, Kwok-Hung Wong, Huk-Yuen Law, and Lu Wang. Exploring the Fourth Dimension: The Design of a Multimedia Learning System for Generalization, *Proceedings of the Edutainment 2006 International Conference on E-learning and Games*, LNCS 3942, pages 261–270, April, Hangzhou, China, 2006

50. M.S.Y. Jong, F.L. Lee, J.H.M. Lee, J.J. Shang, and H.Y. Law. Learning Online: A Comparative Study of a Situated Game-based Approach and a Traditional Web-based Approach, *Proceedings of the Edutainment 2006 International Conference on E-learning and Games*, LNCS 3942, pages 541–551, April, Hangzhou, China, 2006

51. Spencer K.L. Fung, Ho-fung Leung, and Jimmy H.M. Lee. Guided Complete Search for Nurse Rostering Problems, *Proceedings of the 17th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2005)*, pages 706–707, November, Hong Kong, 2005

52. C.W. Choi and J.H.M. Lee. Controlling Salinity in a Potable Water Supply System Using a Constraint Programming Approach, *Proceedings of the 17th IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2005)*, pages 104–108, November, Hong Kong, 2005

53. Junjie Shang, Fong-Lok Lee, and Jimmy Ho-Man Lee. Design Strategies and Principles in VISOLE, *Proceedings of the 13th International Conference on Computers in Education (ICCE 2005)*, pages 879–882, November, Singapore, 2005

54. Lok-Yin Chiu, Tsun-Hin Luk, Jimmy Ho Man Lee, Fong-Lok Lee, Yee Leung, and Kwai-Cheong Chau. Virtual Interactive Student-Oriented Learning Environment (VISOLE)—A New Web-based learning Paradigm, *Proceedings of the Ninth Global Chinese Conference on Computers in Education (GCCCE'2005)*, pages 834–837, Hawaii, USA, June, 2005

55. Junjie Shang, Fong-Lok Lee, Jimmy Ho-Man Lee, Yee Leung, and Kwai-Cheong Chau. The Intrinsic Motivation of the Online Game and its Application in VISOLE, *Proceedings of the Ninth Global Chinese Conference on Computers in Education (GCCCE'2005)*, pages 649–653, Hawaii, USA, June, 2005

56. Junjie Shang, Fong-Lok Lee, and Jimmy Ho-Man Lee. Light Game: The Future of the Digital Game-Based Learning, *Proceedings of the 16th annual conference of the Society for Information Technology and Teacher Education*, pages 722–725, Phoenix, Arizona, USA, March, 2005

57. Fong-Lok Lee, Sai-Wing Pun, Ho-Man Lee, and Harrison Yang. Effectiveness of Using Concept Mapping for Inquiry-based Project Design and Development, *Proceedings of the 16th annual conference of the Society for Information Technology and Teacher Education*, pages 1717–1722, Phoenix, Arizona, USA, March, 2005

58. Y.C. Law and J.H.M. Lee. Breaking Value Symmetries in Matrix Models using Channeling Constraints, *Proceedings of the 20th Annual ACM Symposium on Applied Computing (Track on Constraint Solving and Programming)*, ACM Press, pages 371–376, Santa Fe, New Mexico, USA, March, 2005

59. Spencer K.L. Fung, Denny J. Zheng, Ho-fung Leung, Jimmy H.M. Lee, and H.W. Chun. A Framework for Guided Complete Search for Solving Constraint Satisfaction Problems and Some of Its Instances, *Proceedings of the 16th IEEE International Conference on Tools with Artificial Intelligence*, IEEE Press, pages 696–703, Florida, USA, November, 2004

60. Y.C. Law and J.H.M. Lee. Global Constraints for Integer and Set Value Precedence, *Proceedings of the Tenth International Conference on Principles and Practice of Con-*

straint Programming, Springer-Verlag, LNCS 3258, pages 362–376, Toronto, Canada, September, 2004

61. C.W. Choi, J.H.M. Lee, and P.J. Stuckey. Propagation Redundancy in Redundant Modelling, *Proceedings of the Ninth International Conference on Principles and Practice of Constraint Programming*, pages 229–243, Springer-Verlag, LNCS 2833, Kinsale, Ireland, September, 2003

62. K.C.K. Cheng, J.H.M. Lee, and P.J. Stuckey. Box Constraint Collections for Adhoc Constraints, *Proceedings of the Ninth International Conference on Principles and Practice of Constraint Programming*, pages 214–228, Springer-Verlag, LNCS 2833, Kinsale, Ireland, September, 2003

63. Stefano Bistarelli, Philippe Codognet, H.K.C. Hui, and J.H.M. Lee. Solving Finite Domain Constraint Hierarchies by Local Consistency and Tree Search, *Proceedings of the Ninth International Conference on Principles and Practice of Constraint Programming*, pages 138–152, Springer-Verlag, LNCS 2833, Kinsale, Ireland, September, 2003

64. C.W. Choi, J.H.M. Lee, and P.J. Stuckey. Propagation Redundancy for Permutation Channels, *Proceedings of the Eighteenth International Joint Conference on Artificial Intelligence*, pages 1370–1371, Acapulco, Mexico, August, 2003

65. K.C.K. Cheng, J.H.M. Lee, and P.J. Stuckey. Efficient Representation of Adhoc Constraints, *Proceedings of the Eighteenth International Joint Conference on Artificial Intelligence*, pages 1368–1369, Acapulco, Mexico, August, 2003

66. Stefano Bistarelli, Philippe Codognet, H.K.C. Hui, and J.H.M. Lee. Solving Finite Domain Constraint Hierarchies by Local Consistency and Tree Search, *Proceedings of the Eighteenth International Joint Conference on Artificial Intelligence*, pages 1364–1365, Acapulco, Mexico, August, 2003

67. Y.C. Law and J.H.M. Lee. Algebraic Properties of CSP Model Operators, *Proceedings of the Eighth International Conference on Principles and Practice of Constraint Programming*, pages 750–754, Springer-Verlag, LNCS 2470, Cornell, USA, September, 2002

68. F.L. Lee, J.H.M. Lee and T.S. Lau. Fantasy-based Learning on the Web—Tong Pak Fu and Chou Heung: the Probabilistic Fantasy, *Proceedings of the Second IEEE International Conference on Advanced Learning Technologies*, pages 493–495, Kazan, Russia, September, 2002

69. J.H.M. Lee and L. Zhao. A Real-Time Agent Architecture: Design, Implementation and Evaluation, *Proceedings of the 5th Pacific Rim International Workshop on Multi-Agents (PRIMA'02)*, pages 18–32, LNAI 2413, Tokyo, Japan, August, 2002

70. F.L. Lee, K.K. Lau, and J.H.M. Lee. (invited talk) Web-based Education in the Chinese Community (in Chinese), *Proceedings of the Sixth Global Chinese Conference on Computers in Education '02*, Beijing, China, June, 2002

71. Y.C. Law and J.H.M. Lee. Model Induction: a New Source of CSP Model Redundancy, *Proceedings of the Eighteenth National Conference on Artificial Intelligence (AAAI'02)*, pages 54–60, Edmonton, Canada, July, 2002

72. H. Fang, Y. Kilani, J.H.M. Lee, and P.J. Stuckey. Reducing Search Space in Local Search for Constraint Satisfaction, *Proceedings of the Eighteenth National Conference on Artificial Intelligence (AAAI'02)*, pages 28–33, Edmonton, Canada, July, 2002

73. Xudong Luo, Ho-fung Leung and Jimmy Ho-man Lee. Weighted/Prioritised Compensatory Aggregation, *Proceedings of the 10th International Conference on Fuzzy Systems*, pages 1175–1179, Melbourne, Australia, December, 2001

74. Xudong Luo, Jimmy Ho-man Lee and Ho-fung Leung. A Spectrum of Compensation Aggregation Operators, *Proceedings of the 10th International Conference on Fuzzy Systems*, pages 1171–1174, Melbourne, Australia, December, 2001

75. Xudong Luo, Ho-fung Leung and Jimmy Ho-man Lee. Theory and Properties of a Selfish Protocol for Multi-Agent Meeting Scheduling Using Fuzzy Constraints, *14th European Conference on Artificial Intelligence*, pages 373–377, Berlin, Humboldt University, Germany, August, 2000

76. Xudong Luo, Ho-fung Leung and Jimmy Ho-man Lee. Collaborating Agents of Heterogeneous Valued Constraint Satisfaction Problems, *ISCA 9th International Conference on Intelligent Systems*, pages 35–38, Louisville, Kentucky, USA, June, 2000

77. K.M.F. Choi, J.H.M. Lee, and P.J. Stuckey. A Lagrangian Reconstruction of a Class of Local Search Methods, *10th IEEE International Conference on Tools with Artificial Intelligence*, pages 166–175, IEEE Press, Taipei, Taiwan, ROC, November, 1998

78. R.W.L. Kam and J.H.M. Lee. Fuzzifying the Constraint Hierarchies Framework, *Fourth International Conference on Principles and Practices of Constraint Programming*, pages 280–294, Springer-Verlag, LNCS 1520, Pisa, Italy, October, 1998

79. T.K. Lee, P.H.W. Leong, K.H. Lee, K.T. Chan, S.K. Hui, H.K. Yeung, M.F. Lo and J.H.M. Lee. An FPGA Implementation of GENET for Solving Graph Coloring Problems, *Proceedings of the IEEE Symposium on Field-Programmable Custom Computing Machines (FCCM)*, Napa Valley, California, USA, pages 284–285, 1998

80. J.H.M. Lee, H.F. Leung, and H.W. Won. Performance of a Comprehensive and Efficient Constraint Library Based on Local Search, *11th Australian Joint Conference on*

Artificial Intelligence, pages 191–202, Springer-Verlag, LNAI 1502, Brisbane, Australia, July, 1998

81. J.H.M. Lee and P.K.C. Pun. The $\mathcal{OLI}$ Multiparadigm Programming Language and Its Semantics, *Third International Conference on Object-Oriented Information Systems*, pages 79–92, Springer-Verlag, London, U.K., December, 1996

82. J.H.M. Lee, H.F. Leung, P.J. Stuckey, V.W.L. Tam, and H.W. Won. Using Stochastic Methods to Guide Search in CLP: a Preliminary Report, *1996 Asian Computing Science Conference*, pages 43–52, Springer-Verlag, LNCS 1179, Singapore, December, 1996

83. B.M.W. Cheng, J.H.M. Lee, and J.C.K. Wu. A Constraint-Based Nurse Rostering System Using a Redundant Modeling Approach, *Eighth IEEE International Conference on Tools with Artificial Intelligence*, pages 140–148, IEEE Computer Society Press, Toulouse, France, November, 1996

84. B.M.W. Cheng, J.H.M. Lee, and J.C.K. Wu. Speeding Up Constraint Propagation By Redundant Modeling, *Second International Conference on Principles and Practice of Constraint Programming*, pages 91–103, Springer-Verlag, LNCS 1118, Cambridge, Massachusetts, USA, August, 1996

85. J.H.M. Lee and H.F. Leung and H.W. Won. Towards a More Efficient Stochastic Constraint Solver, *Second International Conference on Principles and Practice of Constraint Programming*, pages 338–352, Springer-Verlag, LNCS 1118, Cambridge, Massachusetts, USA, August, 1996

86. C.K. Chiu, C.M. Chou, J.H.M. Lee, H.F. Leung, and Y.W. Leung. A Constraint-Based Interactive Train Rescheduling Tool, *Second International Conference on Principles and Practice of Constraint Programming*, pages 104–118, Springer-Verlag, LNCS 1118, Cambridge, Massachusetts, USA, August, 1996

87. J.H.M. Lee and H.F. Leung. Incremental Querying in the Concurrent CLP Language IFD-Constraint Pandora, *1996 ACM Symposium on Applied Computing*, pp.387–392, ACM Press, Philadelphia, Pennsylvania, USA, February, 1996

88. J.H.M. Lee and P.K.C. Pun. $\mathcal{O}$bject $\mathcal{L}$ogic $\mathcal{I}$ntegration: a Scheme for Multiparadigm Design and Programming, *Eighteenth International Conference and Exhibition on Technology of Object-Oriented Languages and Systems*, pp.265–278, Prentice Hall, Melbourne, Australia, November, 1995

89. J.H.M. Lee, H.F. Leung, and H.W. Won. Extending GENET for Non-Binary CSP's, *Seventh IEEE International Conference on Tools with Artificial Intelligence*, IEEE Computer Society Press, pp.338–343, Washington DC, USA, November, 1995

90. C.K. Chiu and J.H.M. Lee. Interval Linear Constraint Solving Using the Preconditioned Interval Gauss-Seidel Method, *Twelfth International Conference on Logic Programming*, pp.17–32, MIT Press, Kanagawa, Japan, June, 1995

91. J.H.M. Lee, J.C.K. Leung, and C.C.K. Wong. Construction of a WYSIWYG LaTeX Typesetting System using Object-oriented Design, *First IFIP/SQI International Conference on Software Quality and Productivity: theory, practice, education and training*, pp.135–138, Chapman & Hall, Hong Kong, December, 1994

92. C.K. Chiu and J.H.M. Lee. Towards Practical Interval Constraint Solving in Logic Programming, *Logic Programming: Proceedings of the 1994 International Symposium*, pp.109–123, MIT Press, Ithaca, USA, November, 1994

93. J.H.M. Lee and T.W. Lee. A WAM-Based Abstract Machine for Interval Constraint Logic Programming, *Sixth IEEE International Conference on Tools with Artificial Intelligence*, pp.122–128, IEEE Computer Society Press, New Orleans, USA, November, 1994

94. J.H.M. Lee and V.W.L. Tam. Towards the Integration of Artificial Neural Networks and Constraint Logic Programming, *Sixth IEEE International Conference on Tools with Artificial Intelligence*, pp.446–453, IEEE Computer Society Press, New Orleans, USA, November, 1994

95. J.H.M. Lee. A Fault Simulator in Prolog: a Software Re-engineering Experience, *7th Exhibition and Symposium on Industrial Applications of Prolog*, pp.51–58, INAP Press, Kawasaki, Japan, October, 1994

96. J.H.M. Lee and H.F. Leung. IQ: Towards Incremental Query Processing in Non-Deterministic Concurrent Constraint Logic Programming, *1994 ACM Symposium on Applied Computing*, pp.405–409, ACM Press, Phoenix, USA, March, 1994

97. J.H.M. Lee and M.H. van Emden. Pruning Search Trees by Cylindrical Closures, *IEEE Pacific Rim Conference on Communications, Computers and Signal Processing*, pp.751-756, IEEE Computer Society Press, Victoria, Canada, May, 1993.

98. J.H.M. Lee and M.H. van Emden. Adapting CLP($\mathcal{R}$) to Floating-Point Arithmetic, *International Conference on Fifth Generation Computer Systems 1992*, Tokyo, Japan, pp.996–1003, June, 1992

99. M.H.M. Cheng, M.H. van Emden, and J.H.M. Lee. Tables as a User Interface for Logic Programs, *International Conference on Fifth Generation Computer Systems 1988*, Tokyo, Japan, pp.784–791, November, 1988

Patents

1. Irwin King, Jimmy Ho-Man Lee, Patrick Lau, Chi Chung Mak, and Chi Chung Chan, *The Chinese University Plagiarism IDentification Engine (CUPIDE)*, Taiwan Patent No. I 368144, 2012.

2. Irwin King, Jimmy Lee, Tak Pang Lau, Chi Chung Mak and Chi Chung Chan. *Systems and Methods for Detecting Similarity of Documents*, Singapore patent 200804446-3, May 31, 2011.

3. Irwin King, Jimmy Lee, Tak Pang Lau and Chi Chung Mak. *A System for Determining Plagiarism of Files and a Method Thereof*, HK1123108, Hong Kong SAR, 2011.01.21

4. Irwin King, Jimmy Lee, Tak Pang Lau, Chi Chung Mak and Chi Chung Chan. *Sistema e método para detecção de similaridade dos documentos*, Macao Patent J/527, Macau, 2010.09.21

5. Irwin King, Jimmy Ho-Man Lee, Patrick Lau, Chi Chung Mak, and Chi Chung Chan, *The Chinese University Plagiarism IDentification Engine (CUPIDE)*, Hong Kong Patent No. 09100342.6, 2010.

6. Irwin King, Jimmy Ho-Man Lee, Patrick Lau, Chi Chung Mak, and Chi Chung Chan, *The Chinese University Plagiarism IDentification Engine (CUPIDE)* (in Chinese), Chinese Patent No. 200710105835.3, 2010.

Research Grants and Contracts

1. *Fable-based Learning for Learning Discrete Optimization.* Principal investigator, Micro-Module Courseware Development Grant, CUHK, 2017–2018, HK$100,000

2. *Dynamic Symmetry Breaking in Constraint Satisfaction Revisited.* Principal investigator, Direct Grant from Engineering Panel, CUHK, 2017–2018, HK$150,000

3. *International Consortium for Optimization of Soybean Cultivation*, Co-Investigator (with Hon-Ming Lam and Amos Tai), Vice-Chancellor Discretionary Fund (CUHK), 2015–2020, HK$2,000,000

4. *Modeling Issues in Distributed Constraint Programming: From Theory to Practice*, Principal Investigator, RGC General Research Fund, Research Grants Council (Hong Kong), 2014–2016, HK$645,500

5. *Design-based Research on Teacher Facilitation in Constructivist Online Game-based Learning in Formal School Education*, Co-Investigator (with PI Morris Jong and Co-Is

Shang Junjie, Vincent Tam and Lucy Huang), RGC General Research Fund, Research Grant Council (Hong Kong), 2014–2016, HK$391,000

6. *Towards a Practical Library of Global Cost Functions in Weighted Constraint Networks*, Principal Investigator, PROCORE-France/Hong Kong Joint Research Scheme, 2013–2014, HK$45,000

7. *Integration of Free e-Learning Apps and Mobile Devices to Enhance the Effectiveness of Learning and Teaching of Measures, Shape and Space Dimension in Secondary School Mathematics*, Co-Investigator (with PI Morris Jong and Co-I Tom Chan), RTC Courses, Education Bureau, 2012–2013, HK$350,000

8. *Pedagogical Design and Implementation of Mobile GPS-based Outdoor Exploratory Learning and Teaching Activities in Primary and Secondary Schools*, Co-Investigator (with PI Morris Jong and Co-I Tom Chan), RTC Courses, Education Bureau, 2012–2013, HK$455,400

9. *Promoting Junior Secondary Students? Motivation and Skills in Issue-enquiry through Inter-school Game-based Collaborative Learning*, Co-Investigator (with PI Morris Jong, and Co-Is Chi-shing Tse and Tom Chan), Knowledge Transfer Fund, Research Grant Council, 2012–2013, HK$240,000

10. *Effective Use of Google Sketchup to Enhance the Quality of Learning and Teaching of Geometry in Secondary Schools*, Co-Investigator (with PI Morris Jong), RTC Courses, Education Bureau, 2012, HK$240,000

11. *Modeling Distributed Constraint Satisfaction and Optimization Problems*, Principal Investigator, CSIC/RGC Joint Research Scheme, 2012–2014, HK$48,600

12. *Using Free Web-based Applications for Learning and Teaching with Focuses on Project-based Learning (PBL) and Independent Enquiry Study (IES)*, Co-Investigator (with PI Morris Jong), RTC Courses, Education Bureau, 2011–2012, HK$300,000

13. *Design and Use of WebQuest—Developing Secondary School Science Students' Information Processing Skills through School-based Assessment Tasks Using WebQuest Platform*, Co-Principal investigator (with Morris Jong), Education Bureau, 2010–2011, HK$495,000

14. *Game-based Collaborative Inquiry Learning between Hong Kong and Beijing Primary Schools*, Co-Investigator (with PI Morris Jong and Co-I Fong-Lok Lee), Quality Education Fund (Hong Kong), 2010–2011, HK$599,000

15. *Soft Global Constraints in Weighted Constraint Satisfaction: Properties, Algorithms, and Applications*, Principal investigator (with Y.C. Law), RGC General Research Fund, Research Grant Council (Hong Kong), 2011–2014, HK$1,302,807

16. *Constraint Satisfaction with Cost Conditioning Reduced Ordered Binary Decision Diagrams (CC-ROBDD): Definitions, Properties, and Algorithms*, Principal investigator (with Peter Stuckey and Y.C. Law), RGC Earmarked Grant, Research Grant Council (Hong Kong), 2008–2011, HK$491,906

17. *Set Variables in Constraint Satisfaction Revisited*, Principal investigator (with Peter Stuckey and Y.C. Law), RGC Earmarked Grant, Research Grant Council (Hong Kong), 2006–2008, HK$609,391

18. *A Compiler for High Performance Computing on Array Technologies*, Co-Investigator (with Philip Leong), Hong Kong Innovation and Technology Fund (Tier 3), 2007–2008, HK$805,943

19. *Project-based Learning with Learning Villages among schools in the Mainland, Hong Kong and the USA*, Co-Principal Investigator (with F.L. Lee), Quality Education Fund (Hong Kong), 2006–2007, HK$701,800

20. *A Web-based Platform for Mathematics Knowledge Diagnostic Testing for Engineering Freshmen*, Co-Principal Investigator (with L.W. Chan and Will Ng—Department of Information Engineering), Teaching Development Grants for 2005-08 Triennuium, The Chinese University of Hong Kong, 2005-2006, HK$219,300

21. *Breaking Symmetries of Indistinguishable Values in Constraint Satisfaction*, Principal investigator, RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2006–2008, HK$692,480

22. *Study for Optimization of Operation during the Salinity Period*, Principal investigator, The Macao Water Supply Co. Ltd., 2004-2006, HK$191,100 (US$24,500)

23. *Utilizing Useful Redundancy Information to Increase Search Efficiency in Constraint Satisfaction*, Principal investigator (with P.J. Stuckey—University of Melbourne), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2005–2007, HK$339,414

24. *Problem Generation Platform*, Co-principal investigator (with Kenneth Young—Dept of Physics), Teaching Development Grant, The Chinese University of Hong Kong, 2003, HK$20,000

25. *From Flatland to Spaceland: the Higher Dimensional Space Odyssey*, Co-principal investigator (with Wang Lu—Capital Normal University, Zhang Jing Zhong—Capital Normal University, F.L. Lee—Dept of Curriculum and Instruction), Key Technology Education Project grant, Beijing City Natural Science Foundation and Beijing Municipal Education Commission, 2004-2006, RMB$200,000

26. *Efficient Local Search Methods for Soft Constraint Satisfaction Problems*, Co-principal investigator (with P. Codognet—University of Paris 6), France/Hong Kong Joint Research Scheme, 2003-2004, HK$61,200

27. *Efficient Local Search Methods for Soft Constraint Satisfaction Problems*, Principal investigator (with H.F. Leung and P. Codognet—University of Paris 6), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2002–2004, HK$413,404

28. *Adaptive Strategies for Soft Bid-Determination in Agent Based Continuous Double Auctions*, Co-investigator (with H.F. Leung), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2002–2004, HK$599,404

29. *Virtual Interactive Student-Oriented Learning Environment (VISOLE)—Extending the Frontier of WEB-Based Learning*, Co-investigator (with F.L. Lee—Dept of Curriculum and Instruction, Y. Leung—Dept of Geography and Resource Management, K.C. Chau—Dept of Geography and Resource Management), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2002–2004, HK$793,605

30. *Summative Evaluation of the Web-based PBL Package—Tong Pak Fu and Chou Heung: The Probabilistic Fantasy*, Co-Principal investigator (with T.S. Lau and F.L. Lee), Teaching Development Grant 1998/2001, 1st Tranche, Promotion of Experience Sharing and Sharing of Good Teaching and Learning Practices, CLEAR, The Chinese University of Hong Kong, 2001–2002, HK$250,000

31. *Reducing Search Space in Local Search for Constraint Satisfaction*, Principal investigator (with H.F. Leung and P.J. Stuckey—University of Melbourne), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2001–2003, HK$387,248

32. *Integration of Constraint Satisfaction Techniques and Mixed Integer Programming*, Co-investigator (with H.F. Leung), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2001–2003, HK$387,248

33. *Collaborating Redundant Models in Constraint Satisfaction*, Principal investigator (with H.F. Leung and P.J. Stuckey—University of Melbourne), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 2000–2002, HK$437,817

34. *Solving Constrained Optimization Problems with Lagrangian-Based Search Methods*, Co-investigator (with V. Tam—National University of Singapore, Singapore, P.J. Stuckey—University of Melbourne, Australia and E. Tsang—University of Essex, U.K.), ARF Grant from the National University of Singapore (Singapore), 1999–2001, SG$45,000

35. *Using Stochastic Methods to Guide Search in Constraint Programming.* Principal investigator (with H.F. Leung and P.J. Stuckey—University of Melbourne), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 1998–2000, HK$405,000

36. *Soft Constraint-Based Scheduling in Intelligent Multiagent Systems.* Co-Investigator (with H.F. Leung and Keith L. Clark—Imperial College), RGC Earmarked Grant from the Research Grant Council (Hong Kong), 1998–2000, HK$455,000

37. *Co-operative Constraint Satisfaction Among Intelligent Agents.* Co-Principal investigator (with H.F. Leung and K.L. Clark—Imperial College), UK-HK Joint Research Scheme 96-97, British Council, HK$77,700

38. *Multiparadigm Programming Language Implementation and Applications.* Principal investigator (with H.F. Leung), Direct Grant from the Research Grant Council (Hong Kong), 1996–1998, HK$100,000

39. *Object-oriented Real-time Rule-based Programming for Intelligent Control.* Co-investigator (with H.F. Leung), Direct Grant from the Research Grant Council (Hong Kong), 1996–1998, HK$100,000

40. *Binary Fuzzy Constraint Satisfaction Problems: Properties and Solutions.* Co-investigator (with H.F. Leung), The Croucher Foundation Research Grant (CF94/21), 1996–1998, HK$482,000

41. *Stochastic Solvers in Constraint Programming.* Principal investigator (with Peter Stuckey—U. of Melbourne), Young Asian Scholars 1996, University of Melbourne, AUD5,000

42. *Real-time Logic Programming for Intelligent Control.* Co-investigator (with H.F. Leung), Direct Grant from the Research Grant Council (Hong Kong), 1995–1997, HK$150,000

43. *Towards an AI Architecture for Very Large-Scale Constraint Satisfaction Problems.* Principal investigator (with H.F. Leung and L.W. Chan), Direct Grant from the Research Grant Council (Hong Kong), 1995–1997, HK$150,000

44. *Integrating Constraint Logic Programming and Artificial Neural Network.* Principal investigator, Direct Grant from the Research Grant Council (Hong Kong), 1995–1996, HK$37,000

45. *A Multi-Paradigm Programming Design Methodology.* Co-Principal investigator (with P.K.C. Pun—University of Manchester), UK-HK Joint Research Scheme 94-95, British Council, £6,691

46. *Design and Implementation of a Distributed Concurrent Constraint Logic Programming System and Its Applications.* Principal investigator (with H.F. Leung, K.L. Clark—Imperial College, and M.H. van Emden—University of Victoria), RGC Earmarked Grant from the University and Polytechnic Grants Committee (Hong Kong), 1993–1995, HK$266,000

47. *Constraint Interval Arithmetic in CLP(R).* Principal investigator, Direct Grant from the University and Polytechnic Grants Committee (Hong Kong), 1992–1993, HK$80,000

Awards

1. The 2017 University Education Award, The Chinese University of Hong Kong, 2016-17

2. The Vice-Chancellor's Exemplary Teaching Award, The Chinese University of Hong Kong, 2014-15

3. Dean's Exemplary Teaching Award, Faculty of Engineering, The Chinese University of Hong Kong, 2014-15

4. Department Exemplary Teaching Award, Department of Computer Science and Engineering, Faculty of Engineering, The Chinese University of Hong Kong, 2014-15

5. Department Service Award, Department of Computer Science and Engineering, Faculty of Engineering, The Chinese University of Hong Kong, 2013-14

6. Outstanding Teaching, MITE 6102 (Object-Oriented Programming), Masters of Arts Programme in Information Technology in Education, Faculty of Education, 2012-13

7. Department Service Award, Department of Computer Science and Engineering, Faculty of Engineering, The Chinese University of Hong Kong, 2011-12

8. Department Exemplary Teaching Award, Department of Computer Science and Engineering, Faculty of Engineering, The Chinese University of Hong Kong, 2011-12

9. Certificate of Merit on Teaching Performance, Department of Computer Science and Engineering, Faculty of Engineering, The Chinese University of Hong Kong, 2010-11

10. Best Paper Award, 18th International Conference on Computers in Education (ICCE'10), Paper title: The Significance of Emotional Support to Students in Game-based Learning, Authors: Morris S.Y. Jong, Junjie Shang, Fong-lok Lee, and Jimmy H.M. Lee. Putrajaya, Malaysia, November, 2010

11. Department Service Award, Department of Computer Science and Engineering, Faculty of Engineering, The Chinese University of Hong Kong, 2009-10

12. Finalists of Best Paper Award, 3rd IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning, Paper title: "A Case Study of a Non-Gamer Student's Learning Process in VISOLE", Authors: Morris S.Y. Jong, Junjie Shang, Fong-lok Lee, and Jimmy H.M. Lee, Koahsiung, Taiwan, April, 2010.

13. Best Paper Award, 13th Global Chinese on Computers in Education Conference (GC-CCE 2009), Paper title: "Problem Solving Process and Strategies in the Virtual Interactive Student-Oriented Learning Environment", Authors: J.J. Shang, M. Jong, F.L. Lee, and J.H.M. Lee, Taipei, Taiwan, May, 2009.

14. Best Paper Award, 11th Global Chinese Conference on Computers in Education (GC-CCE'07), Paper title: "Motivation Strategies and Effectiveness of VISOLE", Authors: J.J. Shang, M. Jong, F.L. Lee, and J.H.M. Lee, Quangzhou, China, May, 2007.

15. The Vice-Chancellor's Exemplary Teaching Award, The Chinese University of Hong Kong, 2004-05

16. Faculty Exemplary Teaching Award, Faculty of Engineering, The Chinese University of Hong Kong, 2004-05, 2002-03, 2000-01, 1999-00, 1998-99

17. Department Exemplary Teaching Award, Department of Computer Science and Engineering, Faculty of Engineering, The Chinese University of Hong Kong, 2006-07, 2005-06, 2003-04, 2001-02

18. Faculty Service Award, Faculty of Engineering, The Chinese University of Hong Kong, 2003-04

19. Best Presentation Award, Second International Conference on Principles and Practice of Constraint Programming, Cambridge, Massachusetts, USA, 1996

Keynote Speeches and Invited Talks

1. Invited Speaker, *Fable-Based Learning in MOOCs: A Tale of Two Cities*, 2018 Online Learning Summit Taiwan, National Chiao Tung University, Hsinchu, Taiwan, May, 2018

2. Keynote Speaker, *Fable-Based Learning in MOOCs: A Tale of Two Cities* International Conference on Game-Based Learning (ICGBL 2017), Nanjing, China, November, 2017

3. Invited Speaker, *CUHK + UniMelb = Fable-based Learning + A Tale of Two Cities*, 4th Greater China MOOC Symposium (GCMS 2017), Hong Kong, July, 2017

4. Keynote Speaker, *Global Cost Functions in Weighted Constraint Satisfaction*, Workshop on Hard Computational Problems: Representations, Algorithms and Applications, Chang Chun, China, July, 2017

5. Banquet Speaker, *Everything You Always Wanted to Know About PC Chairs, But Were Afraid to Ask*. The 19th International Conference on Principles and Practice of Constraint Programming (CP 2013), Uppsala, Sweden, September, 2013

6. Keynote Speaker, *The Joy of Inquiry-Based Learning*. Joyful Learning and Society Conference (JL&S 2011), Kenting, Taiwan, January, 2011

7. Keynote Speaker, *Education in Games? Or Games in Education?*. The 10th IEEE International Conference on Advanced Learning Technologies (ICALT2010), Sousse, Tunisia, July, 2010

8. Keynote Speaker, *Impeding Factors of Game-based Constructivist Learning: a Case Study*, International Conference on Innovation of Teaching and Learning (ICITL2009), Jhongli City, Taiwan, November, 2009

9. Keynote Speaker, *Solving the Salinity Control Problem in a Potable Water System Using Constraint Programming*. 2009 International Symposium on Education and Computer Science, Wuhan, China, March, 2009

10. Plenary Invited Speaker, *Education in Games? Or Games in Education?*. The 16th International Conference on Computers in Education, Taipei, Taiwan, October, 2008

11. Keynote Speaker, *Pedagogy of Educational Games—What Makes an Educational Game Educational*. Second Guangdong - Hong Kong - Macau Conference on Information Technology in Education (GHM-06), Guangzhou, China, September, 2006

12. Invited Speaker, *CUPIDE—The Chinese University Plagiarism IDentification Engine*. Tenth Global Chinese Conference on Computers in Education (GCCCE'2006), Beijing, China, June, 2006

13. Keynote Speaker, *Application of Scenario-based Learning in Digital Games*. Symposium on Game-based Digital Learning, Taipei, Taiwan, March, 2006

Services

Although research and teaching are the main duties of an academic, I participate and contribute extensively in community work in the University, the local and the international arenas.

Department/Faculty/University Committee Work

I participate actively in committee work at the university, college, faculty and department level. I first list some of the important offices I held.

- University

  1. Chairman, Senate Committee on Student Discipline, 2012-present

2. Chairman, Student IT Competence (SITC) Committee: 2005-present

- College

  1. Associate Dean of Students: 2014-present
  2. Chairman, New Asia College Committee on Scholarships and Bursaries: 2012-present
  3. Chairman, College Staff Association: 2011-2012

- Faculty

  1. Assistant Dean (Education): 2018-2019
  2. Programme Director, Master of Science in Financial Technology: 2018-present
  3. Graduate Division Head, Division of Financial Technology: 2018-present
  4. Program Co-Director, Master of Arts Programme in Information Technology in Education, Hong Kong Institute for Educational Research, Faculty of Education: 2011-2014
  5. Course Director, University Core ENGG1000 IT Foundation Course: 2010-present
  6. Chairman, 1-Unit IT Foundation Course Task Force: 2009-2012
  7. Chairman, Faculty Library Working Group: 1992-1993

- Department

  1. Chairman, Curriculum Committee: 2005-2006, 2011-2014
  2. Chairman, Teaching and Learning Committee: 2012-13
  3. Graduate Division Head, Division of Computer Science & Engineering: 2008-2011
  4. Chairman, Undergraduate Academic Advice Committee: 2007-2008
  5. Chairman, Discipline Committee: 2007-2008
  6. Chairman, Admissions: 2001-2004
  7. Chairman, Computer User Group: 1992-2005

In the following, I delineate my detailed duties in the past five years.

- 2013-2014

  - Department level.
    * Acting Department Chairman, Aug 12-16, 2013
    * Chair, Curriculum Committee

- ∗ Member, Executive Committee (Elected)
- ∗ Member, Teaching and Learning Committee
- ∗ Member, Ad hoc Panel on the Selection of a New Lecturer, November-December

- – Faculty level.
  - ∗ Member, Faculty Board of Engineering
  - ∗ Course Director, ENGG1000 IT Foundation Course
  - ∗ Member, Faculty Curriculum Committee
  - ∗ Faculty Level-1 Academic Advisor

- – University level.
  - ∗ Member, Senate
  - ∗ Member, Fitness To Practice Committee, Faculty of Medicine
  - ∗ Chairman, Senate Committee on Student Discipline
  - ∗ Member, Ad Hoc Committee on University Websites and New Media Platforms
  - ∗ Program Co-Director, Master of Arts Programme in Information Technology in Education, HKIER
  - ∗ Appointed Member, IT Policy Committee
  - ∗ Chairman, Student IT Competence Committee (SITCC)
  - ∗ Honorary Advisor, Health & Applied Sciences Division, School of Continuing and Professional Studies
  - ∗ Category 2 Board member, Department of Curriculum and Instruction, Faculty of Education
  - ∗ Category 2 Board member, Department of Systems Engineering and Engineering Management, Faculty of Engineering
  - ∗ Member, Academic IT Steering Committee
  - ∗ Member, Senate Committee on Physical Education
  - ∗ Member, Senate Committee on University Scholarships

- 2014-2015

  - – Department level.
    - ∗ Acting Department Chairman, Dec 26-28, 2014
    - ∗ Member, Curriculum Committee
    - ∗ Member, Executive Committee (Elected)
    - ∗ Member, Teaching and Learning Committee

- Faculty level.
  * Member, Faculty Board of Engineering
  * Course Director, ENGG1000 IT Foundation Course
  * Faculty Level-2 Academic Advisor
- University level.
  * Member, University Task Force on Review of Bilingualism
  * Member, Senate
  * Member, Fitness To Practice Committee, Faculty of Medicine
  * Chairman, Senate Committee on Student Discipline
  * Appointed Member, IT Policy Committee
  * Chairman, Student IT Competence Committee (SITCC)
  * Honorary Advisor, Health & Applied Sciences Division, School of Continuing and Professional Studies
  * Category 2 Board member, Department of Curriculum and Instruction, Faculty of Education
  * Category 2 Board member, Department of Systems Engineering and Engineering Management, Faculty of Engineering
  * Member, Academic IT Steering Committee
  * Member, Senate Committee on Physical Education
  * Member, Senate Committee on University Scholarships

- 2015-2016
  - Department level.
    * Member, Curriculum Committee
    * Member, Executive Committee (Elected)
    * Member, Teaching and Learning Committee
  - Faculty level.
    * Member, Faculty Teaching and Learning Committee
    * Member, Faculty Board of Engineering
    * Course Director, ENGG1000 IT Foundation Course
    * Faculty Level-2 Academic Advisor
  - University level.
    * Member, Subcommittee on Education Technologies of the IT Governance Committee
    * Member, University Task Force on Review of Bilingualism

- ∗ Member, Fitness To Practice Committee, Faculty of Medicine
  - ∗ Chairman, Senate Committee on Student Discipline
  - ∗ Chairman, Student IT Competence Committee (SITCC)
  - ∗ Category 2 Board member, Department of Curriculum and Instruction, Faculty of Education
  - ∗ Category 2 Board member, Department of Systems Engineering and Engineering Management, Faculty of Engineering
  - ∗ Member, Senate Committee on Physical Education
  - ∗ Member, Senate Committee on University Scholarships

- 2016-2017

  - Department level.
    - ∗ Member, Executive Committee (Elected)
    - ∗ Organizing Chair, 2016 ACM ICPC (Hong Kong) Regional Contest at CUHK
  - Faculty level.
    - ∗ Faculty Level-2 Academic Advisor
    - ∗ Member, Faculty Teaching and Learning Committee
    - ∗ Course Director, ENGG1000 IT Foundation Course
  - University Level
    - ∗ Member, Review Panel of the History Programme
    - ∗ Member, Review Panel of the Interdisciplinary Major Programme in Global Economics and Finance
    - ∗ Member, Micro-Module Courseware Development Grant (2016-17) Evaluation Panel
    - ∗ Honorary Advisor, Art, Design, Humanities and Applied Sciences Division, School of Continuing and Professional Studies
    - ∗ Member, Review Panel of Institutional Review of CUHK(SZ)
    - ∗ Member, Subcommittee on Education Technologies of the IT Governance Committee
    - ∗ Member, Fitness To Practice Committee, Faculty of Medicine
    - ∗ Member, Senate Committee on University Scholarships
    - ∗ Member, Senate Committee on Physical Education
    - ∗ Member, Programme Review Panel for Global Economics and Finance
    - ∗ Member, Programme Review Panel for History
    - ∗ Chairman, Senate Committee on Student Discipline
    - ∗ Chairman, Student IT Competence Committee (SITCC)

* Member, University eLearning Task Force
* Category 2 Board member, Department of Curriculum and Instruction, Faculty of Education
* Category 2 Board member, Department of Systems Engineering and Engineering Management, Faculty of Engineering

- 2017-2018

  - Department level.

    * Member, Teaching and Learning Committee
    * Member, Examination Panel

  - Faculty level.

    * Faculty Level-2 Academic Advisor
    * Course Director, ENGG1000 IT Foundation Course
    * Chairman, Programme Review Panel for Master of Science in Systems Engineering and Engineering Management
    * Member, Faculty Teaching and Learning Committee

  - University Level

    * Member, Committee of Investigation for Staff Discipline
    * Member, Subcommittee on Education Technologies of the IT Governance Committee
    * Member, Sentate
    * Member, Fitness To Practice Committee, Faculty of Medicine
    * Member, Senate Committee on University Scholarships
    * Member, Senate Committee on Physical Education
    * Chairman, Senate Committee on Student Discipline
    * Chairman, Student IT Competence Committee (SITCC)
    * Member, University eLearning Task Force
    * Category 2 Board member, Department of Curriculum and Instruction, Faculty of Education
    * Category 2 Board member, Department of Systems Engineering and Engineering Management, Faculty of Engineering
    * Honorary Advisor, Art, Design, Humanities and Applied Sciences Division, School of Continuing and Professional Studies

- 2018-2019

  - Department level.

* Internship Coordinator
- Faculty level.
    * Assistant Dean (Education)
    * Graduate Division Head, Division of Financial Technology
    * Programme Director, Master of Science in Financial Technology
    * Faculty Level-2 Academic Advisor
    * Course Director, ENGG1000 IT Foundation Course
    * Member, CINTEC Placement Task Force
    * Member, Faculty Curriculum Committee
    * Member, Faculty Teaching and Learning Committee
- University level.
    * Chairman, Senate Committee on Student Discipline
    * Member, University eLearning Task Force
    * Member, Subcommittee on Education Technologies of the IT Governance Committee
    * Member, Sentate
    * Member, Fitness To Practice Committee, Faculty of Medicine
    * Member, Senate Committee on University Scholarships
    * Member, Senate Committee on Physical Education
    * Chairman, Senate Committee on Student Discipline
    * Category 2 Board member, Department of Systems Engineering and Engineering Management, Faculty of Engineering
    * Category 2 Board member, Department of Curriculum and Instruction, Faculty of Education
    * Category 2 Board member, Department of Electronic Engineering, Faculty of Engineering
    * Honorary Advisor, Information Technology and Applied Sciences Programmes, School of Continuing and Professional Studies

Services to the College

College activities constitute an important element of CUHK lifestyle. Being part of the College's committees is both a duty and a *privilege*.

- Acting Dean of Students
    - 2018 (Jan 1-9, Mar 31-Apr 4, May 26-28, Jun 30-Jul 8, Nov 19-21)

    – 2017 (Jan 21-30, Jun 30-Jul 5)

    – 2015 (Jun 1-4, Jun 8-11, Jun 15-18)

- 2014-2020: Associate Dean of Students

- 2013-2019: Standing Committee of the Assembly of Fellows

- 2000-20: Member, Assembly of Fellows

- 2012-21: Chairman, New Asia Committee on Scholarships and Bursaries

- 2009: Acting Chairman, New Asia Committee on Scholarships and Bursaries

- 1996-15: Member, New Asia Committee on Scholarships and Bursaries

- 2015-16: Yale University New Asia (YUNA) student exchange advisor

- 2011-21: Member, New Asia Committee on Academic Exchanges

- 2002-20: Member, New Asia Sports Committee

- 1997-01, 05-08, 14-17: New Asia College representative on the Faculty Board of Engineering

- 2013-15, 2017-19: College Representative on Senate

- 1992, 94, 98, 02, 05, 10, 13, 14, 15, 18: STOT instructor

- 1995-96, 2000-01, 2006-07, 2011-12, 2015-16, 2017-19: College Coordinator

- 2011-12: Chairman, New Asia Staff Association

- 1995-97: Treasurer, New Asia Staff Association

- 2004-05: Vice Chairman, New Asia Staff Association

- 2005-06, 2010-12: Member, New Asia Staff Association

- 2000-09: Member, New Asia Committee on the Use of Funds from the Ming Yue Cultural Foundation

- 2007-16: Member, New Asia Committee on United Asia Finance Visiting Scholars Programme

- 2007-2010: Member, Steering Committee on the 60th Anniversary Celebration of New Asia College

- 2011: Co-opted member, College Administrative Team

- 2011-12: Co-opted member, College Working Group on Communication Strategy

Services to the International Community

Serving the international community is a duty of every academic. Towards this aim, I participate actively in the committees of various conferences and organizations. In the following, I summarize my contributions before enlisting the individual appointments.

- Associate Editor, Artificial Intelligence Review, Springer, 2015–present

- Associate Editor, Journal of Artificial Intelligence Research, AAAI Press, 2017–2020

- Member, Editorial Board, Journal of Artificial Intelligence Research, AAAI Press, 2011–2017

- Member, Editorial Board, The Research and Practice in Technology Enhanced Learning Journal, Springer, 2011-18

- Member, Editorial Board, The CONSTRAINTS Journal, Springer, 2009-14

- Member, Editorial Board, Journal of Discrete Algorithms, Elsevier, 2005–14

- Member, Editorial Board, Constraint Programming News, Association for Constraint Programming, 2004–13

- Member, Editorial Advisory Board, Journal of Educational Technology & Society, 2010–present

- Secretary, Executive Committee, Association of Constraint Programming, 2007–2012

- Elected Member, Executive Committee, Association of Constraint Programming, 2006-09

- Member, Executive Committee, Global Chinese Society of Computers in Education (GCSCE), 2006–present

- Co-Chair, Special Interest Group in Digital Game and Intelligent Toy Enhanced Learning (SIGDigitel), Asia-Pacific Society for Computers in Education, 2008–2009

- Vice Chair, Global Chinese Society for Computers in Education (Hong Kong and Macau Regional Chapter), 2004–present

- Steering Committee Member of the IDEAL conference series, 2002–

- Conference Chair of Education Conferences: Edutainment'11

- Program Committee Chair of Computer Science Conferences: CP'11

- Program Committee Chair of Education Conferences: GCCCE'07, ICCE'09 (DIGITEL Track), AECT-ICFER'13, ICALT'14 (DIGITEL Track), ICALT'15 (DIGITEL Track), GCCCE'19 (Sub-Conference on Science of Learning, Computer-Assisted Collaborative Learning and Smart Education)

- Program Committee Chair of Computer Science Workshops: CP'{09,07} Modeling workshop

- Program Committee Chair of Education Workshops: GAME'06, GAME'07

- Organizing Committee Chair of conferences: GCCCE'04, IDEAL'2000

- Doctoral Consortium Chair of conferences: IJCAI'{13,17}

- Panel Chair of conferences: GCCCE'10

- Workshop Chair of conference: CP'{08,99}, ICCE'07

- Tutorial Chair of conference: CP'{08,99}

- Workshop Co-Chair of conference: ICCE'06

- Poster Co-Chair of conference: ICCE'12

- Senior Program Committee member of AI conference: AI'{17,16,13,07}, CP'{17,15,14,13}, IJCAI'{18,17,15,13,11}, AAAI'12

- Senior Program Committee member of IT in Education conference: ICCE'08

- Program Committee member of AI conferences:

  - IJCAI'{16,09}
  - AAAI'{18,17,16,15,13,10,08,07,06,04}
  - CP'{18,16,10,09,08,07,06,05,04,99,98}
  - AAMAS'{16,15}
  - CPAIOR'13
  - ECAI'{16,12}
  - ICA'16
  - LION'16
  - FLAIRS'{05,04}
  - ACM-SAC (Constraint Track)'{15,14,13,12,11,10,09,08,07,06,05}
  - ICTAI'{17,16,05}

- AI'{09,08}
- IDEAL'{06,05,04,03,02,00}

- Program Committee member of Agent and other computer science conferences: ASIAN'{04,97}, IAT'{15,06,05,04,03,01}, DIMEA'07, ESAS'07, ICDCIT'07, ICEGOV'07

- Program Committee member of computer science workshops: numerous Post-CP workshops on modeling and soft constraints, PRIMA'{06,05,04,03,02,01}

- Program Committee member of IT in Education conferences and workshops: TALE '12, ICTE'10, ICWL'08, ICCE'{14,12,11,10,09,07}, GCCCE'{13,12,11,10,08,07,05,04}, GHM-CITE'05, DIGITEL'{12,10,07}, Edutainment'{12,11,07}, T4E'{11,10}, UXFUL'10, JEL'11, DUPL & SPeL@ICALT 2012

- Regular reviewer for AI, constraints, agents, and education conferences and journals

1. Program Co-Chair, 23rd Global Chinese Conference on Computers in Education (GC-CCE 2019), Sub-Conference on Science of Learning, Computer Supported Collaborative Learning and Smart Education, Wuhan, China, 2019

2. External Examiner, Levit Vadim, PhD Dissertation, The Kreitman School of Advanced Graduate Studies, Ben-Gurion University of the Negev, Israel, 2018

3. Judge, Asia Pacific Information and Communications Technology Awards 2018 (APICTA'18), Guangzhou, China, October, 2018

4. Program Committee member, Seventeenth International Workshop on Constraint Modelling and Reformulation (ModRef'18), CP 2018, Lille, France, August, 2018

5. Program Committee member, 24th International Conference on Principles and Practice of Constraint Programming (CP 2018), Lille, France, August, 2018

6. Senior Program Committee member, Twenty-Third European Conference on Artificial Intelligence (ECAI'18), Stockholm, Sweden, July, 2018

7. Senior Program Committee member, Twenty-Seventh International Joint Conference on Artificial Intelligence (IJCAI'18), Stockholm, Sweden, July, 2018

8. Head, Panel of Judges, IT Competition—ALICE 2018, Macao Polytechnic Institute, Macau, China, June, 2018

9. Judge, Asia Pacific Information and Communications Technology Awards 2017 (APICTA'17), Dhaka, Bangladesh, December, 2017

10. Program Committee member, Thirty-Second AAAI Conference on Artificial Intelligence (AAAI 2018), New Orleans, Louisiana, USA, February, 2018

11. Head, Panel of Judges, IT Competition—ALICE 2017, Macao Polytechnic Institute, Macau, China, June, 2017

12. Program Committee member, 29th International Conference on Tools with Artificial Intelligence, Boston, MA, USA, November, 2017

13. External Examiner, Yi Fan, PhD Dissertation, School of Information and Communication Technology, Griffith University, Australia, 2017

14. External Examiner, Kevin Leo, PhD Dissertation, Faculty of Information Technology, Monash University, Australia, 2017

15. Senior Program Committee member, 30th Australiasian Joint Conference on Artificial Intelligence (AI 2017), Melbourne, Australia, August, 2017

16. Senior Program Committee member, 23rd International Conference on Principles and Practice of Constraint Programming (CP 2017), Melbourne, Australia, August-September, 2017

17. Senior Program Committee member, Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI'17), Melbourne, Australia, August, 2017

18. External Examiner, Information Technology discipline, School of Humanities and Social Science, The Chinese University of Hong Kong (Shenzhen), 2016–17

19. Judge, Asia Pacific Information and Communications Technology Awards 2016 (APICTA'16), Taiwan, December, 2016

20. Regional Contest Director (Hong Kong), East Asian Continent, ACM International Collegiate Programming Contest, 2016-17

21. Program Committee member, Thirty-First AAAI Conference on Artificial Intelligence (AAAI 2017), San Francisco, USA, February, 2017

22. Program Committee member, 22nd International Conference on Principles and Practice of Constraint Programming (CP 2016), Toulouse, France, September, 2016

23. Program Committee member, Fifteenth International Workshop on Constraint Modelling and Reformulation (ModRef'16), CP 2016, Toulouse, France, September, 2016

24. Program Committee member, the 10th Multi-Disciplinary International Workshop on Artificial Intelligence (MIWAI 2016), Chiang Mai, Thailand, December, 2016

25. Program Committee member, 2016 IEEE 28th International Conference on Tools with Artificial Intelligence (ICTAI 2016), San Jose, USA, November, 2016

26. Senior Program Committee member, 29th Australasian Joint Conference on Artificial Intelligence (AI 2016), Hobart, Tasmania, Australia, December, 2016

27. Program Committee member, 22nd European Conference on Artificial Intelligence (ECAI 2016), The Hague, Netherlands, August-September, 2016

28. Program Committee member, International Conference on Agents (ICA'16), Matsue, Japan, September, 2016

29. Doctoral Consortium Co-Chair, Twenty-Sixth International Joint Conference on Artificial Intelligence (IJCAI'17), Melbourne, Australia, August, 2017

30. Program Committee member, DCPS: The First CPSWeek Workshop on Declarative Cyber-Physical Systems, Hofburg, Vienna, Austria, April, 2016

31. Program Committee member, Doctoral Consortium of the 25th International Joint Conference on Artificial Intelligence (IJCAI'16), New York City, USA, July, 2016

32. Program Committee member, Fifteen International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2016), Singapore May, 2016

33. Program Committee member, The Learning and Intelligent OptimizatioN Conference (LION 10), Ischia Island, Italy, May, 2016

34. Judge, Asia Pacific Information and Communications Technology Awards 2015 (APICTA'15), Sri Lanka, November, 2015

35. Program Committee member, Thirtieth AAAI Conference on Artificial Intelligence (AAAI 2016), Phoenix, Arizona, USA, February, 2016

36. Program Committee member, The 1st IEEE Workshop on Declarative Programming for Real-Time and Cyber-Physical Systems (DPRTCPS'15), San Antonio, Texas, USA, December, 2015

37. Program Committee member, The 9th Multi-Disciplinary International Workshop on Artificial Intelligence (MIWAI'15), Fuzhou, China, November, 2015

38. Head, Panel of Judges, IT Competition—ALICE 2015, Macao Polytechnic Institute, Macau, China, June, 2015

39. Program Committee member, Fourteenth International Workshop on Constraint Modelling and Reformulation (ModRef'15), CP 2015, Cork, Ireland, September, 2015

40. External Examiner, Information Technology discipline, School of Humanities and Social Science, The Chinese University of Hong Kong (Shenzhen), 2014–16

41. PC Member, IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT'15), Singapore, December, 2015

42. Program Committee member, International Joint Conference on Artificial Intelligence (IJCAI 2016), New York City, USA, July, 2016

43. Senior PC Member, 21st International Conference on Principles and Practice of Constraint Programming (CP 2015), Cork, Ireland, August-September, 2015

44. Associate Editor, Artificial Intelligence Review, Springer, 2015–present

45. Senior Program Committee member, International Joint Conference on Artificial Intelligence (IJCAI 2015), Buenos Aires, Argentina, July-August, 2015

46. Program Committee member, Fourteenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2015), Istanbul, Turkey, May, 2015

47. Program Committee Co-Chair, Track on Digital Game and Intelligent Toy Enhanced Learning, 15th IEEE International Conference on Advanced Learning Technologies (ICALT 2015), Hualian, Taiwan, July, 2015

48. Judge, Asia Pacific Information and Communications Technology Awards 2014 (APICTA'14), Jarkarta, Indonesia, November, 2014

49. Program Committee member, 30th Annual ACM Symposium on Applied Computing, Track on Constraint Solving and Programming and Knowledge Representation and Reasoning (CSP-KR), Salamanca, Spain April, 2015

50. External Examiner, Wei Xia, PhD Dissertation, Department of Computer Science, National University of Singapore, 2014

51. Head, Panel of Judges, IT Competition—ALICE 2014, Macao Polytechnic Institute, Macau, China, June, 2014

52. Member, Editorial Board, Journal of Artificial Intelligence Research, AAAI Press, 2014–17

53. Program Committee member, Twenty-Ninth AAAI Conference on Artificial Intelligence, Austin, Texas, USA, January, 2015

54. Program Committee member, Thirteenth International Workshop on Constraint Modelling and Reformulation (ModRef'14), CP 2014, Lyon, France, September, 2014

55. Program Committee member, Track on Digital Game and Digital Toy Enhanced Learning and Society (GTEL&S), The 22nd International Conference on Computers in Education, Nara, Japan, November-December, 2014

56. Senior Program Committee member, The 20th International Conference on Principles and Practice of Constraint Programming (CP 2014), Lyon, France, September, 2014

57. Head, Panel of Judges, IT Competition—ALICE 2013, Macao Polytechnic Institute, Macau, China, June, 2013

58. Program Committee Co-Chair, Track on Digital Game and Intelligent Toy Enhanced Learning, 14th IEEE International Conference on Advanced Learning Technologies (ICALT 2014), Athens, Greece, July, 2014

59. Program Committee member, Track on Constraint Solving and Programming, The 29th Annual ACM Symposium on Applied Computing, Gyeongju, Korea, March, 2014

60. Program Committee Member, 12th International Workshop on Constraint Modelling and Reformulation (ModRef 2013), co-located with CP-2013, Uppsala, Sweden, September, 2013

61. Senior Program Committee member, 26th Australasian Joint Conference on Artificial Intelligence (AI'13), Dunedin, New Zealand, December, 2013

62. Chief Judge, Panel of Judges, Asia Pacific Information and Communications Technology Awards 2013 (APICTA'13), Hong Kong, November, 2013

63. Program Committee Co-Chair, AECT International Conference on the Frontier in E-Learning Research 2013, Taichung City, Taiwan, June, 2013

64. Senior Program Committee member (Research Track) and Program Committee member (Application Track), The 19th International Conference on Principles and Practice of Constraint Programming (CP 2013), Uppsala, Sweden, September, 2013

65. Program Committee member, The 17th Global Chinese Conference on Computers in Education (GCCCE 2013), Beijing, China, May, 2013

66. Program Committee member, Twenty-Seventh AAAI Conference on Artificial Intelligence (AAAI'13), Bellevue, Washington, USA, July, 2013

67. Head, Panel of Judges, IT Competition—ALICE 2012, Macao Polytechnic Institute, Macau, China, June, 2012

68. Member, Panel of Judges, Asia Pacific Information and Communications Technology Awards 2012 (APICTA'12), Brunei, December, 2012

69. Doctoral Consortium Co-Chair, Twenty-Third International Joint Conference on Artificial Intelligence (IJCAI'13), Beijing, China, August, 2013

70. Senior Program Committee member, Twenty-Third International Joint Conference on Artificial Intelligence (IJCAI'13), Beijing, China, August, 2013

71. Program Committee member, Tenth International Conference on Integration of Artificial Intelligence and Operations Research Techniques in Constraint Programming (CPAIOR-13), Yorktown Heights, New York, USA, May, 2013

72. Program Committee member, Track on Constraint Solving and Programming, The 28th Annual ACM Symposium on Applied Computing, Coimbra, Portugal, March, 2013

73. Program Committee Member, IEEE International Conference on Teaching, Assessment and Learning for Engineering 2012 (TALE 2012), August, 2012, Hong Kong

74. Program Committee Member, 12th International Workshop on Symmetry in Constraint Satisfaction Problems (SymCon 2012), co-located with CP-2012, October, 2012, Quebec City, Canada

75. Program Committee Member, 11th International Workshop on Constraint Modelling and Reformulation (ModRef 2012), co-located with CP-2012, October, 2012, Quebec City, Canada

76. Poster Chair and PC member, 20th International Conference on Computers in Education (ICCE 2012), Singapore, November 26–30, 2012

77. Program Committee member, 3rd Workshop on Design Centered and Personalized Learning in Liquid and Ubiquitous Learning Places and 5th International Workshop on Social and Personalized Computing for Web Supported Learning Communities (DULP & SPeL @ ICALT 2012), Rome, Italy, July 4–6, 2012

78. Program Committee member, The 20th European Conference on Artificial Intelligence (ECAI 2012), Montpellier, France, August, 2012

79. Program Committee member, The 7th International Conference on E-Learning and Games (Edutainment 2012), Darmstadt, Germany, September, 2012

80. Senior Program Committee Member, Twenty-Sixth Conference on Artificial Intelligence (AAAI'12), Toronto, Canada, July, 2012

81. Member, Editorial Board, Research and Practice in Technology Enhanced Learning journal, Asia-Pacific Society for Computers in Education, 2011-13

82. Member, Panel of Judges, Asia Pacific Information and Communications Technology Awards 2011 (APICTA'11), Thailand, November, 2011

83. Program Committee member, Track on Constraint Solving and Programming, The 27th Annual ACM Symposium on Applied Computing, Trento, Italy, March, 2012

84. Program Committee member, The 16th Global Chinese Conference on Computers in Education (GCCCE 2012), Tainan, Taiwan, May, 2012

85. Member, Executive Committee, Global Chinese Society of Computers in Education (GCSCE), 2006–2010, 2011–

86. Program Committee member, 7th IEEE International Conference on Digital Games and Intelligent Toys Enhanced Learning (DIGITEL 2012), Takamatsu, Japan, March, 2012

87. Member, Editorial Board, Journal of Artificial Intelligence Research, AAAI Press, 2011–14

88. Secretary, Executive Committee, Association for Constraint Programming, 2011-12

89. Program Committee Member, 11th Workshop on Preferences and Soft Constraints (Soft'11), co-located with CP-2011, September, 2011, Perugia, Italy

90. Program Committee Member, 10th International Workshop on Constraint Modelling and Reformulation (ModRef 2011), co-located with CP-2011, September 12, 2011, Perugia, Italy

91. Program Committee member, The 19th International Conference on Computers in Education (ICCE 2011), Chiang Mai, Thailand, November, 2011

92. Program Committee member, The 15th Global Chinese Conference on Computers in Education (GCCCE 2011), Hangzhou, China, May, 2011

93. Head, Panel of Judges, IT Competition—ALICE 2011, Macao Polytechnic Institute, Macau, China, June, 2011

94. Conference Chair and Program Committee member, The 6th International Conference on E-Learning and Games (Edutainment 2011), Taipei, Taiwan, September, 2011

95. Senior Program Committee member, 22nd International Joint Conference on Artificial Intelligence, Barcelona, Spain, July, 2011

96. Program Committee member, International Conference on Joyful E-Learning, Kenting, Taiwan, January, 2011

97. Program Committee Chair, The 17th International Conference on Principles and Practice of Constraint Programming, Perugia, Italy, September, 2011

98. Program Committee member, International Conference on Technology for Education (T4E) 2011, Chennai, India, July, 2011

99. Program Committee member, Track on Constraint Solving and Programming, The 26th Annual ACM Symposium on Applied Computing, TaiChung, Taiwan, March, 2011

100. Member, Editorial Advisory Board, Journal of Educational Technology & Society, 2010–

101. Secretary, Executive Committee, Association of Constraint Programming, 2010–11

102. Member, Panel of Judges, Asia Pacific Information and Communications Technology Awards 2010 (APICTA'10), Malaysia, October, 2010

103. Program Committee Member, 9th International Workshop on Constraint Modelling and Reformulation (ModRef 2010), co-located with CP-2010, September 6, 2010, St Andrews, Scotland, UK

104. Program Committee Member, 10th Workshop on Preferences and Soft Constraints (Soft'10), co-located with CP-2010, September 6, 2010, St Andrews, Scotland, UK

105. Program Committee Member, International Workshop on Enabling User Experience with future Interactive Learning Systems, September 16–17, 2010, Klagenfurt, Austria

106. Program Committee Member, International Conference on Technology for Education, July 1–3, 2010, Mumbai, India

107. Head, Panel of Judges, IT Competition—ALICE 2010, Macao Polytechnic Institute, Macau, China, June, 2010

108. Member, Judging Panel, MiniZinc Challenge 2010, The 16th International Conference on Principles and Practice of Constraint Programming, September 6–10, 2010, St Andrews, Scotland, UK

109. Program Committee member, Eighteenth International Conference on Computers in Education (ICCE'10), Putrajaya, Malaysia, November, 2010

110. Panel Chair and Program Committee member, Fourteenth Global Chinese Conference on Computers in Education (GCCCE'2010), Sinagpore, May, 2010

111. Program Committee member, Sixteenth International Conference on Principles and Practices of Constraint Programming (CP'10), St Andrews, Scotland, UK, September, 2010

112. Program Committee member, Twenty-Fourth National Conference on Artificial Intelligence (AAAI'10), Atlanta, Georgia, USA, July, 2010

113. Program Committee member, Third IEEE International Conference on Digital Game and Intelligent Toy Enhanced Learning (DIGITEL 2010), Kaohsiung, Taiwan, April, 2010

114. Member, Judging Panel, MiniZinc Challenge 2009, The 15th International Conference on Principles and Practice of Constraint Programming, September 21-24, 2009, Lisbon, Portugal

115. Organizing and PC Chair, Eighth International Workshop On Constraint Modelling and Reformulation (co-located with CP'09), Lisbon, Portugal, September, 2009

116. Member, Panel of Judges, Asia Pacific Information and Communications Technology Awards 2009 (APICTA'09), Australia, December, 2009

117. Head, Panel of Judges, IT Competition—ALICE 2009, Macao Polytechnic Institute, Macau, China, June, 2009

118. Program Committee member, Track on Constraint Solving and Programming, The 25th Annual ACM Symposium on Applied Computing, Sierre, Switzerland, March, 2010

119. Program Committee member, 22nd Australasian Joint Conference on Artificial Intelligence 2009 (AI-2009), Melbourne, Australia, December, 2009

120. Secretary, Executive Committee, Association of Constraint Programming, 2009–10

121. Program Committee member, Fourteenth International Conference on Principles and Practice of Constraint Programming (CP'09), Lisbon, Portugal, September, 2009

122. Member, Editorial Board, CONSTRAINTS journal, Springer, 2009–2011

123. Member, Program Committee, International Joint Conference on Artificial Intelligence (IJCAI 2009), Pasadena, California, USA, July, 2009

124. Program Chair, DIGITEL Track, Seventeenth International Conference on Computers in Education (ICCE 2009), Hong Kong, December, 2009

125. External examiner for Ms. Bernadette Martinez-Hernandez's PhD thesis, The University of York, United Kingdom, 2008

126. Member, Panel of Judges, Worldwide Finals, Microsoft Imagine Cup (France'08), Paris, France, 2008

127. Head, Panel of Judges, IT Competition—ALICE 2008, Macao Polytechnic Institute, Macau, China, June, 2008

128. Secretary, Executive Committee, Association of Constraint Programming, 2008–09

129. Program Committee member, Track on Constraint Solving and Programming, The 24th Annual ACM Symposium on Applied Computing, Waikiki Beach, Honolulu, Hawaii, USA, March, 2009

130. Program Committee member, Seventh International Workshop on Constraint Modelling and Reformulation, (CP'08 Post-Conference Workshop), Sydney, Australia, September, 2008

131. Program Committee member, 9th International Workshop on Preference and Soft Constraints (CP'08 Post-Conference Workshop), Sydney, Australia, September, 2008

132. Program Committee member, 21st Australasian Joint Conference on Artificial Intelligence 2008 (AI-2008), Auckland, New Zealand, December, 2008

133. Co-Chair, Special Interest Group in Digital Game and Intelligent Toy Enhanced Learning (SIGDigitel), Asia-Pacific Society for Computers in Education, 2008–2009

134. Senior Program Committee member, Sixteenth International Conference on Computers in Education (CUMTEL & DIGITEL), Taipei, Taiwan, 2008

135. Program Committee member, Twelfth Global Chinese Conference on Computers in Education (GCCCE'2008), Michigan, USA, May, 2008

136. Member, Panel of Judges, Asia Pacific Information and Communications Technology Awards (APICTA'07), Singapore November, 2007

137. Program Committee member, 7th International Conference on Web-based Learning (ICWL 2008), Jinhua, China, August, 2008

138. Program Committee member, Twenty-Third National Conference on Artificial Intelligence (AAAI'08), Chicago, USA, July, 2008

139. Secretary, Executive Committee, Association of Constraint Programming, 2007–08

140. Program Committee member, Thirteenth International Conference on Principles and Practice of Constraint Programming (CP'08), Sydney, Australia, September, 2008

141. Workshop and Tutorial Chair, Thirteenth International Conference on Principles and Practice of Constraint Programming (CP'08), Sydney, Australia, September, 2008

142. Program Committee member, Track on Constraint Solving and Programming, The 23nd Annual ACM Symposium on Applied Computing, Fortaleza, Ceara, Brazil, March, 2008

143. Program and Organization Co-Chair, Workshop on "Fun and Learning: Should Educational Games and Toys be Serious?" (GAME'07), (co-located with ICCE'07), Hiroshima, Japan, November, 2007

144. External Consultant for Class Observation, Computer Studies Program, Macao Polytechnic Institute, Macau, China, May, 2007

145. Program Committee member, International Conference on Theory and Practice of Electronic Governance (ICEGOV'07), Macau, China, December, 2007

146. Organizing and PC Chair, Sixth International Workshop On Constraint Modelling and Reformulation (co-located with CP'07), Providence, Rhode Island, USA, September, 2007

147. Senior Program Committee member, 20th Australian Joint Conference on Artificial Intelligence 2007 (AI-2007), Gold Coast, Queensland, Australia, December, 2007

148. External examiner for Mr. Tang Wai Yuen's MPhil thesis, City University of Hong Kong, Hong Kong, 2007

149. External examiner for Mr. Muhammad Rafiq Muhammad's MSc thesis, University of Melbourne, Australia, 2007

150. Program Committee member, 4th International Conference on Distributed Computing and Internet Technology (ICDCIT'07), Bangalore, India, December, 2007

151. Program Committee member, Second IEEE International Workshop on Engineering Semantic Agent Systems, Beijing, China, July, 2007

152. Program Committee member, Second International Conference on Digital Interactive Media in Entertainment and Arts 2007 (DIMEA 2007), Perth, Australia, September, 2007

153. Program Committee member, Fifteenth International Conference on Computers in Education (ICCE'07), Hiroshima, Japan, November, 2007

154. Program Committee member, Twelfth International Conference on Principles and Practice of Constraint Programming (CP'07), Providence (RI), USA, September, 2007

155. Workshop Chair, Fifteenth International Conference on Computers in Education (ICCE2007), Hiroshima, Japan, November, 2007

156. Elected Member, Executive Committee, Association of Constraint Programming, 2006–09

157. Program Committee member, Twenty-Second National Conference on Artificial Intelligence (AAAI'07), Vancouver, Canada, July, 2007

158. External examiner for Ms. Lam Sau-Yin's MPhil thesis, City University of Hong Kong, Hong Kong, 2007

159. Program Committee member, Second International Conference on E-learning and Games (Edutainment'07), Hong Kong, June, 2007

160. Program Committee member, Track on Constraint Solving and Programming, The 22nd Annual ACM Symposium on Applied Computing, Seoul, Korea, March, 2007

161. PC-Chair, Eleventh Global Chinese Conference on Computers in Education (GCCCE'2007), Guangzhou, China, June, 2007

162. Program and Organization Co-Chair, Workshop on Pedagogical Design of Educational Games (GAME'06), (co-located with ICCE 06), Beijing, China, December, 2006

163. Program Committee member, First IEEE International Workshop on Digital Game and Intelligent Toy Enhanced Learning (DIGITEL 2007), Taiwan, March, 2007

164. Member, Panel of Judges, Asia Pacific Information and Communications Technology Awards (APICTA'06), Macau, China, November, 2006

165. External examiner for Mr. Aungkoon KhumKomgool's MSc (Hons) thesis, Macquarie University, Australia, 2006

166. Program Committee member, Fifth International Workshop on Modelling and Reformulating Constraint Satisfaction Problems: Towards Systematisation and Automation (CP'06 Post-Conference Workshop), Nantes, France, September, 2006

167. Program Committee member, Ninth Pacific Rim International Workshop on Multi-agents (PRIMA'2006), Guilin, China, August, 2006

168. Program Committee member, 2006 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2006), Hong Kong, December, 2006

169. Workshop Co-Chair, 14th International Conference on Computers in Education (ICCE2006), Beijing, China, November, 2006

170. Executive Committee Member, Global Chinese Society of Computers in Education (GCSCE), 2006 - 2010

171. Program Committee member, Seventh International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'2006), Burgos, Spain, September, 2006

172. Program Committee member, Eleventh International Conference on Principles and Practice of Constraint Programming (CP'06), Nantes, France, September, 2006

173. External examiner for Mr. Chi-Ho Tsang's MPhil thesis, City University of Hong Kong, Hong Kong, 2005

174. Program Committee member, Twenty-First National Conference on Artificial Intelligence (AAAI'06), Boston, USA, July, 2006

175. Member, Editorial Board, Journal of Discrete Algorithms, Elsevier, 2005-14

176. Program Committee member, Fourth International Workshop on Modelling and Reformulating Constraint Satisfaction Problems: Towards Systematisation and Automation (CP'05 Post-Conference Workshop), Stiges (Barcelona), Spain, October, 2005

177. Program Committee member, Seventh International Workshop on Preference and Soft Constraints (CP'05 Post-Conference Workshop), Sitges (Barcelona), Spain, October, 2005

178. Program Committee member, First Guangdong - Hong Kong - Macau Conference on Information Technology in Education (GHM-05), Hong Kong, July, 2005

179. Program Committee member, Seventeenth IEEE International Conference on Tools with Artificial Intelligence (ICTAI'05), Hong Kong, November, 2005

180. Program Committee member, Ninth Global Chinese Conference on Computers in Education (GCCCE'2005), Hawaii, USA, June, 2005

181. Program Committee member, 2005 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2005), Compiégne, France, September, 2005

182. Program Committee member, Eighth Pacific Rim International Workshop on Multi-agents (PRIMA'2005), Kuala Lumpur, Malaysia, September, 2005

183. External examiner for Qingyang Hong's PhD thesis, City University of Hong Kong, Hong Kong, 2004

184. Program Committee member, Tenth International Conference on Principles and Practice of Constraint Programming (CP'05), Barcelona (Sitges), Spain, October, 2005

185. Program Committee member, Sixth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'2005), Brisbane, Queensland, July, 2005

186. Program Committee member, The Third International Conference on Computer Applications, Yangon, Myanmar, March, 2005

187. Program Committee member, Special Track on Constraint Solving and Programming, The 18th International FLAIRS Conference, Florida, USA, May, 2005

188. Program Committee member, Constraint Solving and Programming Track, The 20th Annual ACM Symposium on Applied Computing, Santa Fe, New Mexico, USA, March, 2005

189. Member, Panel of Judges, Asia Pacific Information and Communications Technology Awards (APICTA'04), Hong Kong, China, November, 2004

190. Program Committee member, Sixth International Workshop on Preference and Soft Constraints (CP'04 Post-Conference Workshop), Toronto, Canada, September, 2004

191. Program Committee member, 2004 ASIAN Computing Science Conference, Chiangmai, Thailand, December, 2004

192. External examiner for Lei Zhang's PhD thesis, University of Melbourne, Australia, 2004

193. Program Committee member, Third International Workshop on Modelling and Reformulating Constraint Satisfaction Problems: Towards Systematisation and Automation (CP'04 Post-Conference Workshop), Toronto, Canada, September, 2004

194. Member, Editorial Board, Constraint Programming (CP) Newsletter, 2004 -

195. Program Committee member, 2004 IEEE/WIC International Conference on Intelligent Agent Technology (IAT 2004), Beijing, September, 2004

196. Program Committee member, Ninth International Conference on Principles and Practice of Constraint Programming (CP'04), Toronto, Canada, September, 2004

197. Program Committee member, Fifth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'2004), Exeter, United Kingdom, August, 2004

198. Program Committee member, Nineteenth National Conference on Artificial Intelligence (AAAI'04), San Jose, USA, July, 2004

199. Program Committee member, Seventh Pacific Rim International Workshop on Multi-agents (PRIMA'2004), Auckland, New Zealand, August, 2004.

200. Organizing Committee Chair, Eighth Global Chinese Conference on Computers in Education (GCCCE'2004), Hong Kong, May, 2004

201. Program Committee member, Special Track on Constraint Solving and Programming, The 17th International FLAIRS Conference, Florida, USA, May, 2004

202. Program Committee member, Sixth Pacific Rim International Workshop on Multi-agents (PRIMA'2003), Seoul, Korea, November, 2003.

203. Program Committee member, Fifth International Workshop on Soft Constraints (CP'03 Post-Conference Workshop), Kinsale, Ireland, September, 2003

204. Program Committee member, Second International Workshop on Modelling and Reformulating Constraint Satisfaction Problems: Towards Systematisation and Automation (CP'03 Post-Conference Workshop), Kinsale, Ireland, September, 2003

205. Steering Committee member, International Conference on Intelligent Data Engineering and Automated Learning (IDEAL conference series), 2002-

206. Program Committee member, 2003 IEEE/WIC International Conference on Intelligent Agent Technology (IAT 2003), Beijing, October, 2003

207. Program Committee member, Fourth International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'2003), Hong Kong, March, 2003

208. Program Committee member, Second China Information Technology Forum 2002, Macau, December, 2002

209. External examiner for C.F. Ng's MPhil thesis, Hong Kong Polytechnic University, Hong Kong, 2002

210. External examiner for Spencer King-Lung Fung's MPhil thesis, City University of Hong Kong, Hong Kong, 2002

211. Program Committee member, Fourth International Workshop on Soft Constraints (CP'02 Post-Conference Workshop), Cornell, USA, September, 2002

212. Program Committee member, CP'02 Post-Conference Workshop on Reformulating Constraint Satisfaction Problems: Towards Systematisation and Automation, Cornell, USA, September, 2002

213. Assistant Secretary General, Executive Council, South East Asia Regional Computer Confederation (SEARCC), 2002.

214. Program Committee member, Fifth Pacific Rim International Workshop on Multi-agents (PRIMA'2002), Tokyo, Japan, August 18–19, 2002.

215. Program Committee member, Third International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'2002), Manchester, United Kingdom, December, 2002

216. Program Committee member, Fourth Pacific Rim International Workshop on Multi-agents (PRIMA'2001), Taipei, Taiwan, July 28-29, 2001.

217. Program Committee member, Second Asia-Pacific Conference on Intelligent Agent Technology (IAT'2001), Maebashi City, Japan, October 23-26, 2001.

218. Member of Judges, Asian Regional Final, 2000 ACM Inter-Collegiate Scholastic Programming Contest, 1999-2000.

219. Member representing Hong Kong, SEARCC Certification Endorsement Board, South East Asia Regional Computer Confederation (SEARCC), 2000-2002.

220. Member representing Hong Kong, Special Regional Interest Group in Certification (SRIG-CERT), South East Asia Regional Computer Confederation (SEARCC), 1999-2002.

221. Organization Chair and Program Committee member, Second International Conference on Intelligent Data Engineering and Automated Learning (IDEAL'2000), Hong Kong, December, 2000

222. Program Committee member, CP99 Post-Conference Workshop on Large Scale Combinatorial Optimisation and Constraints, Alexandria, Virginia, USA, October, 1999

223. Workshop Chair, Tutorial Chair, and Program Committee member of the Fifth International Conference on Principles and Practice of Constraint Programming, Alexandria, Virginia, USA, October, 1999

224. Program Committee member, 2nd International Workshop on Optimization and Simulation of Complex Industrial Systems, Extensions and Applications of Constraint-Logic Programming, Tokyo, Japan, September, 1999

225. Expert Witness, Chan & Tsu, Solicitors (Court Case between Echolink and Palm Computing), 1999

226. Program Committee member, PRICAI98 Post-Conference Workshop on Constraint Approaches to Resource Allocation Problems, Singapore, November, 1998

227. Program Committee member of the Fourth International Conference on Principles and Practice of Constraint Programming, Pisa, Italy, October, 1998

228. External examiner for Chuchang Liu's PhD thesis, University of Macquarie, Australia, 1998

229. Program Committee member, 1997 Asian Computing Science Conference, Katmandu, Nepal, December, 1997

230. Program Committee member, Post-Conference Workshop on Constraints and Constraint Programming, 1996 Asian Computing Science Conference, Singapore, December, 1996

231. External examiner for Yulin Dong's MSc thesis, United Nations University and the University of Macau, Macau, 1995

232. Research monograph evaluator for the Logic Programming Series of the Kluwer Press, 1994

233. Organizing committee member of the 1994 International Conference on Data and Knowledge Systems for Manufacturing and Engineering (DKSME'94), Hong Kong, 1992-1994.

Services to Hong Kong

As an educator in higher learning and a professional, I never hesitated in serving my expertise to the local community. In the following, I highlight my important appointments before enlisting my individual contributions.

- Panel Chair, Learning Programme Re-Accreditation for (a) Professional Diploma in Business Management (b) Professional Diploma in Insurance (c) Professional Diploma in Java 3-Tier Web Application Development and Oracle Database Administration Java (d) Professional Diploma in Management for the Catering Industry for Institute of Professional Education and Knowledge (PEAK), Vocational Training Council, Hong Kong Council for Academic Accreditation and Vocational Qualifications, November, 2017

- Visiting Team Chairman, Accreditation Exercise for the Hong Kong Baptist University, Computer Science, and Computing and Information Systems Programmes, The Hong Kong Institution of Engineers (HKIE), Hong Kong, November, 2017

- Visiting Team member, Accreditation Exercise for the University of Hong Kong, Computer Science Programme, The Hong Kong Institution of Engineers (HKIE), Hong Kong, October, 2016

- Consultant, Enriched IT Class Programme, Pak Kau College, 2015-23

- Visiting Team member, Accreditation Exercise for the City University of Hong Kong, Computer Science Programme, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2015

- Member, Steering Committee, Hong Kong Information and Communication Technology Awards, Office of Government Chief Information Officer, Hong Kong Government, 2013–

- Member, Validation Panel, Programme Validation for BSc (Hons) Computing and BSc (Hons) Multimedia Computing, Hong Kong Council for Academic Accreditation and Vocational Qualifications, February, 2014

- Member, IT Division, Hong Kong Institution of Engineers, Hong Kong, (Co-opted) 2012-13, 2013-14

- Member, Steering Committee on Selection, Quality Assurance and Review for the e-Textbook Market Development Scheme, Education Bureau, Hong Kong SAR Government, Hong Kong, 2012-16

- Member, High-level Advisory Panel, Chief Executive's Award for Teaching Excellence (CEATE), Education Bureau, Hong Kong SAR Government, Hong Kong, 2011-12

- Visiting Team member, Accreditation Exercise for the Hong Kong Polytechnic University Geomatics Programmes, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2010

- Member, Steering Committee, Hong Kong ICT Awards, Hong Kong, 2014-15

- Convenor, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2010-16

- Assessor, Accreditation Exercise for the Hong Kong University of Science and Technology Computer Science Programmes, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2010

- Member, Steering Committee, Development of a Certification Roadmap for IT Professional Certification Project, Hong Kong Computer Society, 2009-10

- Appointed member, CE Computer & Information Technology Subject Committee, Hong Kong Examinations and Assessment Authority, 2009-11

- Member, Steering Committee on Strategic Development of Information Technology in Education (ITEd), Hong Kong Government, 2009–15

- Assessor, Accreditation Exercise for the City University of Hong Kong Computer Science Programme, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2007

- Appointed Member, Accreditation Committee for Computer Science Programmes, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2006–10

- Panel Chairman, Validation Panel, Validation of Certificate in Vocational Studies (Business) and Foundation Diploma (Computing)—Vocational Training Council, Hong Kong Council for Academic Accreditation, Hong Kong, 2004

- Member of Liaison Panel for Academic Accreditation, and Panel chairman and member of validation panels, Hong Kong Council for Academic Accreditation (HKCAA), to validate various post-secondary programmes related to IT
  [HKCAA, subsequently renamed to HKCAAVQ, is an independent *statutory* body and accreditation authority established in 1990 by the Hong Kong Government in charge of the academic standards of post secondary programmes in higher education institutions in Hong Kong and on educational standards and qualifications in general]

- Chief examiner and moderator of Papers I & II, Hong Kong Advanced Level (A-Level) Examination, Computer Studies: 1994–2001, 2002–2003

- Council member and Director of Professional Development, Hong Kong Computer Society: 1996–2000

- Local Arrangement Chair, National Olympiad in Informatics (NOI'97), 1997
  [NOI is the national competition for the entire China to select representatives to participate in the International Olympiad in Informatics (IOI)]

- Executive Committee member, ACM (HK Chapter): 1992–1995 (Vice Chairman in 1994–1995)

1 Program Co-Chairs, 2018 CUHK Conference on Financial Technology, Hong Kong, October, 2018

2 Panel Member, Programme Area Accreditation (PAA) for Computer Science and Information Technology OR Learning Programme Re-accreditation (re-LPA) for BSc (Hons) Computer Science, Chu Hai College of Higher Education, Hong Kong Council for Academic Accreditation and Vocational Qualifications, January, 2019

3 Member, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2018-19

4 Assessor, Substantial Change to Bachelor of Science (Honours) in Computer Science, Chu Hai College of Higher Education, Hong Kong Council for Academic Accreditation and Vocational Qualifications, April, 2018

5 Adviser, School of Business and Hospitality Management, Caritas Institute of Higher Education, April 2018 to March 2020

6 Panel Chair, Learning Programme Re-Accreditation for (a) Professional Diploma in Business Management (b) Professional Diploma in Insurance (c) Professional Diploma in Java 3-Tier Web Application Development and Oracle Database Administration Java (d) Professional Diploma in Management for the Catering Industry for Institute of Professional Education and Knowledge (PEAK), Vocational Training Council, Hong

Kong Council for Academic Accreditation and Vocational Qualifications, November, 2017

7   Visiting Team Chairman, Accreditation Exercise for the Hong Kong Baptist University, Computer Science, and Computing and Information Systems Programmes, The Hong Kong Institution of Engineers (HKIE), Hong Kong, November, 2017

8   Member, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2017-18

9   Visiting Team member, Accreditation Exercise for the University of Hong Kong, Computer Science Programme, The Hong Kong Institution of Engineers (HKIE), Hong Kong, October, 2016

10   Member, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2016-17

11   Member, Liaison Panel for Academic Accreditation, Hong Kong Council for Accreditation of Academic & Vocational Qualifications, Hong Kong, 2016-19

12   Consultant, Enriched IT Class Programme, Pak Kau College, 2015-23

13   Member, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2016-17

14   Member, Steering Committee, Hong Kong ICT Awards, Hong Kong, 2015-16

15   Panel Member, Programme Validation for Bachelor of Computer Science, Community College of City University (CCCU) and University of Wollongong (UoW), Hong Kong Council for Academic Accreditation and Vocational Qualifications, December, 2015

16   Convenor, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2015-16

17   Visiting Team member, Accreditation Exercise for the City University of Hong Kong, Computer Science Programme, The Hong Kong Institution of Engineers (HKIE), Hong Kong, November, 2015

18   Panel Chair, Programme Validation for Higher Diploma in Computer Studies, Higher Diploma in Fitness Coaching and Sports Management, Diploma in Fitness and Sports Coaching for Hong Kong College of Technology, Hong Kong Council for Academic Accreditation and Vocational Qualifications, November, 2014

19   Member, Steering Committee, Hong Kong ICT Awards, Hong Kong, 2014-15

20 Convenor, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2014-15

21 Member, IT Division, Hong Kong Institution of Engineers, Hong Kong, 2014-15

23 Member, Validation Panel, Programme Validation for BSc (Hons) Computing and BSc (Hons) Multimedia Computing for School for Higher and Professional Education (SHAPE) of the Vocational Training Council (VTC) and Coventry University (CU), Hong Kong Council for Academic Accreditation and Vocational Qualifications, February, 2014

24 Member, IT Division, Hong Kong Institution of Engineers, Hong Kong, 2013-14

25. Appointed Member, Steering Committee on Strategic Development of Information Technology in Education (ITEd), Education Bureau, Hong Kong SAR Government, 2013–15

26 Co-opted member, IT Division, Hong Kong Institution of Engineers, Hong Kong, 2012-13

27 Judge, Hong Kong Youth Science and Technology Innovation Competition, 2012-13

28 Convenor, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2012-14

29. Member, Steering Committee on Selection, Quality Assurance and Review for the e-Textbook Market Development Scheme, Education Bureau, Hong Kong SAR Government, Hong Kong, 2012-14

30. Member, High-level Advisory Panel, Chief Executive's Award for Teaching Excellence (CEATE), Education Bureau, Hong Kong SAR Government, Hong Kong, 2011-12

31. Appointed Member, Steering Committee on Strategic Development of Information Technology in Education (ITEd), Education Bureau, Hong Kong SAR Government, 2011–13

32 Visiting Team Member, Accreditation Exercise for the Hong Kong Polytechnic University, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2011

33 Convenor, Standards Assurance Sub-Committee, Hong Kong ICT Awards, Hong Kong, 2010-12

34 Assessor, Accreditation Exercise for the Hong Kong University of Science and Technology Computer Science Programme, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2010

35. Member, Steering Committee, Development of a Certification Roadmap for IT Professional Certification Project, Hong Kong Computer Society, 2009-10

36. Appointed member, CE Computer & Information Technology Subject Committee, Hong Kong Examinations and Assessment Authority, 2009-11

37. Appointed Member, Steering Committee on Strategic Development of Information Technology in Education (ITEd), 2009–11

38. Appointed Member, Accreditation Committee for Computer Science Programmes, The Hong Kong Institution of Engineers, Hong Kong, 2008–09

39. Member of Validation Panel, Programme Area Accreditation, Computing Studies and Information Technology—Hong Kong Institute of Technology (HKIT), Hong Kong Council for Academic Accreditation and Vocational Qualifications, Hong Kong, 2008

40. Member, Advisory Board, Association of Mobile Technology and Education, Hong Kong, 2008 –

41. Supervisor, Proposal Supervising Scheme, 41st Joint School Science Exhibition, Hong Kong, 2008

42. Member, Panel of Judges, Hong Kong student Mobile Programming 2007, 2007

43. Supervisor, Proposal Supervising Scheme, 40th Joint School Science Exhibition, Hong Kong, 2007

44. Appointed Member, Accreditation Committee for Computer Science Programmes, The Hong Kong Institution of Engineers, Hong Kong, 2007–08

45. Assessor, Accreditation Exercise for the City University of Hong Kong Computer Science Programme, The Hong Kong Institution of Engineers (HKIE), Hong Kong, 2007

46. Appointed Member, Accreditation Committee for Computer Science Programmes, The Hong Kong Institution of Engineers, Hong Kong, 2006–07

47. Member of Validation Panel, Re-Validation of the Associate Degree of Science Program—Chu Hai College, Hong Kong Council for Academic Accreditation, Hong Kong, 2006

48. Panel Chairman, Validation Panel, Validation of Certificate in Vocational Studies (Business) and Foundation Diploma (Computing)—Vocational Training Council, Hong Kong Council for Academic Accreditation, Hong Kong, 2004

49. Member of Validation Panel, Validation of the Pre-Associate Degree Certificate Program—Po Leung Kuk Community College of Hong Kong, Hong Kong Council for Academic Accreditation, Hong Kong, 2003

50. Member, Programme Committee, Master of Arts in Education (Information Technology in Education), Faculty of Education, The Chinese University of Hong Kong, 2003-

51. Contributed two articles to the *McDug Encyclopedia* children magazine on the subjects of artificial intelligence and intelligent appliances, 2002.

52. Member of the Moderation Committee of the Hong Kong Advanced Level Examination 2003, Computer Studies II, 2002–2003

53. Member of Validation Panel, Validation of the Associate of Science in Computing and IT—Media Education Info-Tech Co., Ltd, Hong Kong Council for Academic Accreditation, Hong Kong, 2002

54. External Course Assessor, MT201 Computing Fundamentals with Java, The Open University of Hong Kong, Hong Kong, 2002-2003

55. Member of Validation Panel, Validation of the Postgraduate Diploma of Education (Technology)—Hong Kong Institute of Education, Hong Kong Council for Academic Accreditation, Hong Kong, 2002

56. Member of Validation Panel, Validation of the Bachelor of IT—Media Education Info-Tech Co., Ltd, Hong Kong Council for Academic Accreditation, Hong Kong, 2001

57. Member, Register of Subject Specialists, Hong Kong Council for Academic Accreditation, 2001-

58. Member, Advisory Board, Advanced Postgraduate Diploma in Education (Information Technology in Education), Faculty of Education, The Chinese University of Hong Kong, 2001-

59. Assessor for the 2000 Hong Kong IT Awards, 2000.

60. Project supervisor for the Donation Management System, Medecin Sans Frontiere (HK Office), 2000.

61. Chief Examiner of the Hong Kong Advanced Level Examination 2001, Computer Studies II, 2000-2001.

62. Chairman, Professional Development Special Interest Group, Hong Kong Computer Society, 2000-2001.

63. Chief Examiner of the Hong Kong Advanced Level Examination 2000, Computer Studies II, 1999-2000.

64. Moderator of the Hong Kong Advanced Level Examination 2000, Computer Studies I, 1999-2000.

65. Director of Professional Development, Hong Kong Computer Society, 1999-2000.

66. Expert Witness, Fong & Ng, Solicitors (Court Case between dotCOM Ltd and Telecox Ltd), 1999-2000

67. Judge for the 1999 Instant-Dict PDA Software Design Competition, 1999

68. Assessor for the 1998 Hong Kong IT Awards, 1998.

69. Deputy to the Chairman, Program Committee, 1999 Hong Kong International Computer Conference, 1998-1999.

70. Program Committee member of the First ACM (HK) Postgraduate Research Day, 1998.

71. Director of Professional Standard, Hong Kong Computer Society, 1998-1999.

72. Chief Examiner of the Hong Kong Advanced Level Examination 1999, Computer Studies II, 1998-1999.

73. Referee in grant applications: Hong Kong Applied R&D Fund Co. Ltd, 1998.

74. Local Arrangement Chair, National Olympiad in Informatics 1997, Hong Kong, 1997

75. Director of Professional Standard, Hong Kong Computer Society, 1997-1998.

76. Member of the Moderation Committee of the Hong Kong Advanced Level Examination 1998, Computer Studies I, 1997-1998.

77. Chief Examiner of the Hong Kong Advanced Level Examination 1998, Computer Studies II, 1997-1998.

78. Director of Professional Standard, Hong Kong Computer Society, 1996-1997.

79. Member of the Moderation Committee of the Hong Kong Advanced Level Examination 1997, Computer Studies I, 1996-1997.

80. Chief Examiner of the Hong Kong Advanced Level Examination 1997, Computer Studies II, 1996-1997.

81. Contributed an article on artificial intelligence to the *Yellow Bus* children magazine, 1996.

82. Chief Examiner of the Hong Kong Advanced Level Examination 1996, Computer Studies II, 1995-1996.

83. Vice Chairman of ACM (HK Chapter), 1994-95.

84. Supervisor for the Project Supervising Scheme of the 28th Joint School Science Exhibition, 1995

85. Adjudicator for the Proposal Competition of the 28th Joint School Science Exhibition, 1995

86. Member of the Moderation Committee of the Hong Kong Advanced Level Examination 1995, Computer Studies II, 1994-1995.

87. Honorable advisor of the Hong Kong Joint School Computer Association, 1993-94.

88. Honorable advisor of the Hong Kong Joint School Electronics and Computer Society, 1993-94.

89. Referee in grant applications: Hong Kong Applied R&D Fund Co. Ltd, 1993.

90. Adjudicator for the 9th Fifth Joint School Electronics and Computer Society Exhibition, 1993.

91. Member of the Hong Kong Computer Society Examination Committee, 1993-1994.

92. Executive Committee member of ACM (HK Chapter), 1992-94.