

CURRICULUM VITAE

Dr. I-HSIEN TING

Associate Professor

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Department of Information Management

National University of Kaohsiung

No. 700, Kaohsiung University Road,

Kaohsiung City 811, TAIWAN



Research Interests:

Social Networks Analysis and Mining, Knowledge Management, Web Mining, Web Intelligence, Opinion Mining, Big Data and Open Data, Machine Learning, Data Mining, AI for Game, Web Technology, E-commerce

AI Related Research and Projects:

1. 2018 AI application for intelligent alarm, Student project
2. 出版書籍 資料探勘, 滄海書局, ISBN: 9789867777980
<http://www.sanmin.com.tw/Product/Index/000427319>
3. Applying Fuzzy Reinforcement Learning in Digital Games, 方永平, 國立高雄大學資訊管理研究所, 應用模糊增強式學習技術於數位遊戲之研究 (08/2008~07/2011)
4. Adaptive Website Navigation Recommendation Based on Reinforcement Learning, 唐銀伶, 國立高雄大學資訊管理研究所, 基於增強式學習技術之適性化網站瀏覽推薦 (08/2011~06/2013)
5. Using Data Mining Techniques with the Trends of Business Cycle for Financial Crisis Prediction, 林裕晟, 國立高雄大學資訊管理研究所, 考慮景氣循環趨勢應用資料探勘於企業財務危機預測 (08/2008~06/2010)
6. Combining Social Information and Emotional Tags for Music Recommender System, 余沛

倫，國立高雄大學資訊管理學系碩士班，整合社群網站資訊與情緒標籤於音樂推薦系統之研究，(2013-2015)

7. Constructing a Recommendation System based on Analyzing Micro-Blog Message and Social Network Structure. 分析微網誌訊息與社會網絡架構以建置適性化推薦系統之研究,計畫主持人(國科會專題研究計畫,100-2410-H-390-004-,NT.393,000, 2011/08~2012/7)
8. 丁一賢，游耿能，蕭如淵，林素穗，「網頁探勘的應用：以客製化網路廣告為例」，第二屆電子化企業經營管理理論暨實務研討會，台灣，大葉大學，pp.426-435(2001/4/28)
9. 莊政儒，丁一賢，「類神經模糊專家系統透過應用服務提供者於認購權證之研究」，第十二屆國際資訊管理學術研討會，台灣，台灣大學，page(s)：A-75 (2001/5/18-19)
10. 丁一賢，游耿能，蕭如淵，「在非結構化文件中利用探勘方法以建構索引式知識地圖之探討」，2002 第六屆科際整合管理國際研討會，台灣，東吳大學，pp.302-310 (2002/6/1)
11. 游耿能，蕭如淵，丁一賢，「以探勘使用者瀏覽興趣為基礎的個人化網路廣告之研究」，2002 台灣區區域網路研討會 TANET2002，台灣，清華大學，pp.648-653(2002/10/30~11/1)

Short-Bio:

Dr. Ting, who is an Associate Professor in the Department of Information Management, National University of Kaohsiung, TAIWAN. He has a PhD degree in Computer Science, the University of York, UK, His research interests are focusing on Data Mining and E-commerce, particular on Web Mining, Social Network Analysis and Decision Support Systems, Web Intelligence, E-commerce, Semantic Web.

About conference and workshop organization experience, he used to be a program chair of ASONAM 2011 in Kaohsiung and program chair of KMO conference from 2013~2018. He is also a chair in the 1st and 2nd International workshop on web mining application in E-commerce and E-services (WMEE 2007, 2008), and workshop on mining social networks for decision support (MSNDS 2009~2018). He also joined as a member of program committee in several conferences. Furthermore, he is now also a member of editorial advisory board of Online Information Review and as a referee in some academic Journals, such as Journal of Information Science, and in the editorial review board of World Wide Web, Journal of Information, CyberPsychology and Behavior, Neurocomputing, Information Technology and Organizations. In additional, he is now editing two journal special issues in Journal of Online Information Review and Journal of Intelligent Information Systems.

Education:

2003/October~2007/January

Computer Science at the University of York, England,
UK

Degree: Ph.D.

2000/September~2002/June	Graduate Study in Information Management at National Changhua University of Education, Changhua, Taiwan Degree: MBA
1995/September~2000/June	Undergraduate Study in Business Administration at Chinese Culture University, Taipei, Taiwan Degree: BBA

Honor & Awards

2015	Best Paper Award, I-Hsien Ting (2015), Moving Towards The Effect of Spiral of Silence Detection Based on Social Network Analysis and Opinion Mining Techniques, In proceedings of CIST'15: International Conference on Computer and Information Science and Technology, May 11-12, 2015, Ottawa, Canada
2011	Best Paper Award, Shyue-Liang Wang, Zheng-Ze Tsai, Tzung-Pei Hong and I-Hsien Ting (2011), Anonymizing Shortest Paths on Social Network Graphs, In Proceedings of the 3rd Asian Conference on Intelligent Information and Database Systems, ACIIDS 2011, Daegu, Korea, April 20-22, 2011
2008	The 2000 Outstanding Academics of the 21st Century, International Biographical Centre
2008, 2009	Marquis Who's who in the World 2008, 2009
2001/August	Research Scholarship, National Changhua University of Education

Academic Experience:

2018.2.24~2022.2.23	Taiwanese Association for Social Networks Title: President
2014~2016.7.31	Social Networks Innovation Center, National University of Kaohsiung Title: Director
2013~Now	Department of Information Management, National University of Kaohsiung Title: Associate Professor
2014~2016	Academic Affairs, Taiwanese Association for Social Networks

2013~2014	Title: Director International Master of Business Administration, National University of Kaohsiung
2008~2009	Title: Director Teaching Resource Center, Division of Academic Affairs, National University of Kaohsiung
2007~2013	Title: Director Department of Information Management, National University of Kaohsiung
2005	Title: Assistant Professor Department of Computer Science, The University of York
2003/February~2003/June	Title: Teaching Assistant Department of Information Management, Hung Kuang University
2003/February~2003/June	Title: Part Time Lecturer Department of Information Management, Chen Kuo Institute of Technology
2002/September~2003/June	Title: Part Time Lecturer National Changhua University of Education
2002/September~2003/June	Title: Part Time Lecturer National Taichung Nursing College
2002/September~2003/January	Title: Part Time Lecturer Department of Information Management, Ling Tong Institute of Technology Title: Part Time Lecturer

Research Projects:

2017/August-2019.July	Applying Social Network Mining for the Discovery of Cyberbullying, 106-2410-H-390 -011 -MY2, NT.1,268,000
2014/August-2017.July	Applying Social Network Mining to Discover The Effect of Spiral of Silence-Detection and Discovery Technique, The Comparative Study of Different Platforms and Cultures, The Empirical Study., 103-2410-H-390 -019 -MY3, NT. 1,763,000
2012/August-2014/July	A Research of Social Search Technique based on Social Networks

2011/August-2012/July	Analysis ,101-2410-H-390-003-MY2, NT.1,176,000 Constructing a recommendation system based on analyzing microblog message and social networks structure, 100-2410-H-390-004-, NT.393,000
2011/January-2012/December	A research of smoke shroud simulation system (II),NSC 100-2623-E-390-001-D, NT.1,190,000
2010/August-2011/July	Applying Social Network Analysis and Web Mining Techniques for Discovering Hate Groups in the Blogosphere , NSC 99-2410-H-390-029-, NT.593,000
2010/January-2010/December	A research of smoke shroud simulation system, NSC 99-2623-E-390-001-D, NT.1,397,000
2009/January-2009/December	Construction and Analyzing Innovation Networks of Traditional Industry in Southern Taiwan, NT. 500000, Research Project of MIRDC, TAIWAN
2008/November-2009/October	A study of constructing a decision support system base on dynamic and task-oriented social networking, NSC 97-2410-H-390-022, NT.887615, Research Project of National Science Committee, TAIWAN

Publications: (2012-2017)

● Book & Book Chapter

1. Lorna Uden, Wei Lu, I-Hsien Ting (Eds.) "Knowledge Management in Organizations", Communications in Computer and Information Science, Vol. 731, Springer, 2017, ISBN: 978-3-319-62697-0
2. Leon Wang, Shiro Uesugi, I-Hsien Ting, Koji Okuhara, Kai Wang (Eds.) "Multidisciplinary Social Networks Research", Communications in Computer and Information Science, No. 540, Springer-Verlag, ISBN:978-3-662-48318-3
3. Lorna Uden, Fuenzaliza Oshee, I-Hsien Ting and Dairo Liberona (Eds.) "Knowledge Mangement in Organizations", Lecture Notes in Business Information Processing, Vol. 185, Springer, 2014, ISBN: 978-3-319-08617-0
4. Lorna Uden, Leon S.L. Wang, Juan Manuel Corchado Rodríguez, Hsin-Chang Yang, I-Hsien Ting (Eds.) "The 8th International Conference on Knowledge Management in Organizations: Social and Big Data Computing

for Knowledge Management", Springer Proceedings in Complexity, ISBN: 978-94-007-7286-1

5. Lorna Uden, Yu-Hui Tao, Hsin-Chang Yang, I-Hsien Ting (Eds), "The 2nd International Workshop on Learning Technology for Education in Cloud", Springer Proceedings in Complexity, ISBN: 978-94-007-7307-3
6. Lorna Uden, Leon S.L. Wang, Tzung-Pei Hong, Hsin-Chang Yang, I-Hsien Ting (Eds.) "The 3rd International Workshop on Intelligent Data Analysis and Management", Springer Proceedings in Complexity, ISBN: 978-94-007-7292-2

● Journal Articles

1. Chen-Shu Wang, Shiang-Lin Lin, Hui-Chu Chiu, Chun-Jung Juan, Xin-Yu He and I-Hsien Ting (2017), Is a Medical Examination Necessary? Analysis of Medical Examination Transactions Through Association Mining Using Multiple Minimum Supports, Journal of Medical Imaging and Health Informatics, Volume 7, Number 6, October 2017, pp. 1399-1408(10) (SCI)
2. Shyue-Liang Wang, Min-Jye Hsiu, Yu-Chuan Tsai, I-Hsien Ting, Tzung-Pei Hong (2017) "Analysis of Privacy and Utility Tradeoffs in Anonymized Mobile Context Streams", Intelligent Data Analysis (SCI)
3. Resul Das, Moloud Abdar, Mariam Zomorodi-Moghadam, I-Hsien Ting (2017) "Performance Analysis of Classification Algorithms on early detection of Liver disease", Expert Systems with Applications (SCI), 67, pp. 239-251
4. I-Hsien Ting (2016) "Detection of the Spiral of Silence Effect on Social Media" Accepted to appear in Journal of Universal Computer Science (SCI)
5. Ling Sun, Yun Liu, Michasel R. Bartolacci, I-Hsien Ting (2016) "A multi information dissemination model considering the interference of derivative information", Accepted to appear in Physica A (SCI, IF=1.732)
6. Shyue-Liang Wang, Jia-Wei Chen, I-Hsien Ting, Tzung-Pei Hoing (2016) "(K, P)-Shortest Path Algorithm in The Cloud Maintaining Neighborhood Privacy", Journal of Web Engineering, Vol. 15, No. 1&2, pp.029-044, March 2016 (SCI)
7. I-Hsien Ting, Shyue-Liang Wang, Po-Jen Chen (2014) "Key Users and Box Office Analysis in an Interest Based Virtual Community", Computing and Informatics (SCI), Vol. 33, No.3, 2014, pp. 1001-1021 (SCI)
8. Chia-Song Yen, I-Hsien Ting, Tien-Hui Yeh, Chia-Sui Sun (2014) "The Next Step in Education After Disaster-The Possibilitu to Realize New Residents' Distance Learning: Case From a Radio Station", International Journal of Civil and Environmental Engineering, pp.28-33

9. Shyue-Liang Wang, Zheng-Ze Tsai, I-Hsien Ting, Tzung-Pei Hong (2014) "K-anonymous Path Privacy on Social Graphs", *Journal of Intelligent and Fuzzy Systems*, Vol. 26, pp. 1191-1199 (SCI)
10. Shyue-Liang Wang, Chung-Yi Chen, I-Hsien Ting, Tzung-Pei Hong (2013) "Anonymous Query on Non-Uniform Data for Location Privacy", *International Journal of Data Warehousing and Mining (SCI)*, Vol. 9, No. 4, pp.44-61
11. Kai-Yu Wang, I-Hsien Ting, Hui-Ju Wu (2013) "Discovering Groups for Effective Marketing in Virtual Communities-An Integrated Approach" *Journal of Business Research(SSCI)*, Vol. 66, Issue 9, pp. 1360-1366, September 2013
12. Shyue-Liang Wang, Yu-Chuan Tsai, Hung-Yu Kao, I-Hsien Ting, Tzung-Pei Hong (2013) "Shorttest Paths Anonymization on Weighted Graphs", *International Journal of Software Engineering and Knowledge Engineering (SCI)*, Vol.23, No.1, pp. 65-79, February 2013
13. Chih-Yang Chao, Chia-Sung Yen, Shih-Chun Yang, I-Hsien Ting (2012) "The Relationship of Social Network and the Organizational Justice Strategies in Campus Media News Gathering" *International Journal of Digital Content and its Application*, Vol. 6, No. 17, pp. 612-619 (EI)
14. I-Hsien Ting (2012) "Applying Cloud Computing Techniques for Efficient Analysis in Social Networks Data", *JCIT: Journal of Convergence Information Technology*, Vol. 7, No. 14, pp. 157 ~ 167, 2012 (EI)
15. I-Hsien Ting, Pei-Shang Chang, Shyue-Liang Wang (2012) "Understanding the Features of Users in Microblogs for Social Recommendation Based on Social Networks Analysis" *Journal of Universal Computer Science (SCI)*, Vol. 18, No. 4, pp. 554-576

● **Conference Papers**

1. I-Hsien Ting, Bo-Yu Chen and Hsiu-Feng Liu (2017) "Social Search Technique with the Consideration of User Location", In *Proceedings of MISNC 2017*, Bangkok, Thailand, July 17-19, 2017
2. Jen-Hao Chen, Ting-Lin Lee and I-Hsien Ting (2017) "A Study of Headhunters' Recruiting on Social Network Sites - Take LinkedIn as an Example", In *Proceedings of MISNC 2017*, Bangkok, Thailand, July 17-19, 2017

3. I-Hsien Ting and Hao-Ting Kao (2017) "Spatial Analysis of Social Volume of Crime Issues Based on Social Media Data", In Proceedings of MISNC 2017, Bangkok, Thailand, July 17-19, 2017
4. I-Hsien Ting, Zhenjiang Zhang, Shyue-Liang Wang (2016) "A Study of the Effect of Spiral of Silence between Different Social Networking Platforms", In Proceedings of MISNC 2016, New Jersey, USA, August 15-17, 2016
5. Yu-Chuan Tsai, Shyue-Liang Wang, Cheng-Yu Song and I-Hsien Ting (2016) "Privacy and Utility Effects of K-anonymity on Association Rule Hiding", In proceedings of ASE DataScience 2016, New Jersey, USA, August 15-17, 2016
6. I-Hsien Ting and Pei-Lun Yu (2016) "Measuring the Effect of Social Network Data on Music Recommendation", In proceeding of KMO 2016, Hagen, Germany, July 25-28, 2016
7. Ting-Lin Lee, I-Hsien Ting, Huan-Yi Chu (2016) "Information Diffusion of Marketing Strategies on the Social Network Sites-The Case of Facebook Fan Page", In proceedings of BAI 2016 (International Conference on Business and Information), July 3-5, 2016, Nagoya, Japan
8. Shyue-Liang Wang, Min-Jye Hsiu, I-Hsien Ting, Tzung-Pei Hong (2015) "Toward Analyzing Privacy and Utility of Mobile User Data" In proceedings of ASE BigData & SocialInformatics 2015, Kaohsiung, Taiwan, October 7-9, 2015, Article No. 21, DOI: 10.1145/2818869.2818909
9. I-Hsien Ting (2015) "A Study of the Detection of Spiral of Silence on Social Media" In proceedings of MISNC 2015 (The 2nd Multidisciplinary International Social Networks Conference), Matsuyama, Japan, September 1-3, 2015
10. Pei-Lun Yu and I-Hsien Ting (2015) "Using Social Network Data with Emotional Tags for Music Recommender System" In proceedings of MISNC 2015 (The 2nd Multidisciplinary International Social Networks Conference), Matsuyama, Japan, September 1-3, 2015
11. I-Hsien Ting, Wei-Jie Wu, Hao-Ting Kao (2015) "An Implementation of Online Learning and Course Management System based on Facebook" In the 2015 International Conference on Learning Technology for Education in Cloud (LTEC), August 24-28, 2015, Maribor, Slovenia (In Springer CCIS No. 533, PP. 208-218, DOI: 10.1007/978-3-319-22629-3)

12. I-Hsien Ting (2015) "Moving Towards The Effect of Spiral of Silence Detection Based on Social Network Analysis and Opinion Mining Techniques", In proceedings of CIST'15: International Conference on Computer and Information Science and Technology, May 11-12, 2015, Ottawa, Canada (**Best Paper Award**)
13. Hao-Ren Yao, I-Hsien Ting (2014) "Topic Participation Algorithm for Social Search Engine Based on Facebook Dataset", In proceedings of MISNC 2014 (The 1st Multidisciplinary International Social Networks Conference), Kaohsiung, Taiwan, September 13-14, 2014
14. Liang-Cheng Huang and I-Hsien Ting (2014) "The Key Factors of Knowledge Sharing in Online Community", In proceedings of KMO 2014, Santiago, Chile, September 2-5, 2014
15. Shyue-Liang Wang, Jia-Wei Chen, I-Hsien Ting, Tzung-Pei Hoing (2013) "Sensitive and Neighborhood Privacy on Shortest Paths in the Cloud" In Proceedings of iiWAS 2013 (The 15th International Conference on Information Integration and Web-based Applications & Services), Vienna, Austria, December 2-4, 2013.
16. I-Hsien Ting, Hsing-Maio Chi, Jyun-Sing Wu and Shyue-Liang Wang (2013) "An Approach for Hate Groups Detection in Facebook" In Proceedings of The Third International Workshop on Intelligent Data Analysis and Mining (In conjunction with KMO 2013), Kaohsiung, Taiwan, 9-13 September 2013, pp. 101-106, Springer Proceedings in Complexity.
17. Shyue-Liang Wang, Ching-Chuan Shih, I-Hsien Ting and Tzung-Pei Hong (2013) "Edge Selection for Degree Anonymization on K Shortest Paths" In Proceedings of The Third International Workshop on Intelligent Data Analysis and Mining (In conjunction with KMO 2013), Kaohsiung, Taiwan, 9-13 September 2013, pp. 56-64, Springer Proceedings in Complexity.
18. Shyue-Liang Wang, Jia-Wei Chen, I-Hsien Ting and Tzung-Pei Hong (2013) "K-Neighborhood Shortest Path Privacy in the Cloud" In Proceedings of The Third International Workshop on Intelligent Data Analysis and Mining (In conjunction with KMO 2013), Kaohsiung, Taiwan, 9-13 September 2013, pp. 65-75, Springer Proceedings in Complexity.
19. Yin-Ling Tang, I-Hsien Ting and Shyue-Liang Wang (2013) "Website Navigation Recommendation Based on Reinforcement Learning" In Proceedings of The Third International Workshop on Intelligent Data Analysis and Mining (In conjunction with KMO 2013), Kaohsiung, Taiwan, 9-13 September 2013, pp. 87-99, Springer Proceedings in Complexity.

20. I-Hsien Ting, Shyue-Liang Wang, Hsing-Miao Chi and Jyun-Sing Wu (2013)
"Content Matters: A Study of Hate Groups Detection Based on Social Networks Analysis and Web Mining" In proceedings of MSNDS 2013 (The 5th International Workshop on Mining and Analyzing Social Networks for Decision Support), In conjunction with 2013 IEEE/ACM ASONAM, Niagara Falls, Canada, 25-28 August, 2013

Professional Activities:

● Journal Services

1. Managing Editor, International Journal of Information Privacy, Security and Integrity (2015~)
2. Member of Editorial Board, International Journal of IT-based Management for Smart Business (IJITMSB) (2015~)
3. International Advisory Board Member of Global Business Research Journal (2015~)
4. Reviewer of Behaviour & Information Technology (2016)
5. Reviewer of Journal of Quality 品質學報 (2014~)
6. Reviewer of Journal of Information Management 資訊管理學報(2015~)
7. Reviewer of AI Communications (2014~)
8. Reviewer of Journal of Technovation (2014~)
9. Reviewer of Journal of the Chinese Institute of Engineers (2014~)
10. Reviewer of World Wide Web Journal (2013~)
11. Reviewer of International Journal of Distributed Sensor Networks (2013~)
12. Reviewer of Social Science Journal (2013~)
13. Reviewer of Decision Support Systems (2012~)
14. Referee of Social Networking (2012~)
15. Referee of Journal of Information Processing Systems (2012~)
16. Referee of Journal of Internet Technology (2012~)
17. Editorial Board Member of International Journal of Web Engineering and Technology(2011~)
18. Associate Editor of Social Network Analysis and Mining, Springer(SNAM) (2010~)
19. Editorial Review Board Member of International Journal of Social Network Mining (IJSNM) (2010~)
20. Editorial Review Board Member of International Journal of Management Review and Information Technology(IJMRIT) (2009~2011)

21. Referee of International Journal of Learning Technology (2010~)
 22. Referee of Journal of Information Science and Engineering (2010~)
 23. Referee of Knowledge and Information Systems (2009~)
 24. Editor of International Journal of Digital Content Technology and its Applications (2009~)
 25. Referee of Annals of Information Systems, Springer (2009~)
 26. Referee of CyberPsychology and Behavior (2009~)
 27. Referee of Recent Patents on Computer Science (2009~)
 28. Editorial Advisory Board Member of Online Information Review(2008~)
 29. Guest Editor of Studies in Computational Intelligence (published by Springer-Verlag), Book Title: "Mining and Analyzing Social Networks"
 30. Guest Editor of Studies in Computational Intelligence (published by Springer-Verlag), Book Title: "Web Mining Applications in E-commerce and E-services"
 31. Guest Editor of Online Information Review (published by Emerald), Journal Special Issue on "Web Mining Applications in E-commerce and E-services"
 32. Referee of Neurocomputing (2008~)
- **Conference Service (Chair, PC member, Organization Committee member)**
1. Program Chair of BESC 2018, The 5th International Conference on Behavioral, Economic, and Socio-Cultural Computing, National University of Kaohsiung, Taiwan, 12-14 November, 2018
 2. Program Chair of MISNC 2018, The 5th Multidisciplinary International Social Networks Conference, July 16-18, 2018, Sanit-Etienne, France
 3. PC Member of CC 2018 (Computing Conference 2018), July 10-12, 2018, London, UK
 4. PC Member of FICC2018 (Future of Information and Communication Conference), 5-6 April 2018, Singapore
 5. PC Member of MOMM 2017 (The 15th International Conference on Advances in Mobile Computing & Multimedia), 4-6 December 2017, Salzburg, Austria
 6. PC Member of Complex Network 2017, Lyon, France, 29 November-1 December, 2017
 7. Program Chair of ICGEC 2017, Kaohsiung, Taiwan, November 6-8, 2017
 8. PC Member of KDIR 2017 (9th International Conference on Knowledge Discovery and Information Retrieval), Funchal, Madeira, Portugal, 1-3 November, 2017

9. Local Chair and PC Member of ICGEC 2017, Kaohsiung, Taiwan, 6-8 November, 2017
10. Technical Committee Member of ICCIP 2017 (2017 the 3rd International Conference on Communication and Information Processing), Tokyo, Japan, November 24-26, 2017
11. PC member of ISCSIC 2017(International Symposium on Computer Science and Intelligent Controls), Budapest, Hungary, October 20-22, 2017
12. PC member of BESC 2017, Krakov, Poland, October 16-18, 2017
13. PC member of WEA 2017, Cartagena, Colombia, September 27-29, 2017
14. PC member of European Intelligence and Security Informatics Conference (EISIC) 2017, Dekelia Air Base, Attica, Greece, September 11-13, 2017
15. PC member of IEEE CIT 2017 (17th IEEE International Conference on Computer and Information Technology), Helsinki, Finland, 21-23 August, 2017
16. Program Chair of KMO 2017 (The 12th International Knowledge Management in Organizations Conference), Beijing, China, August 21-24, 2017
17. PC member of FOSINT-SI 2017(International Symposium on Foundations of Open Source Intelligence and Security Informatics), Sydney, Australia, July 30, 2017
18. Workshop Chair of ASONAM 2017 (The 2017 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining), Sydney, Australia, July30-August 2, 2017
19. PC member of SAI 2017 (Computing Conference), London, UK, July 18-20, 2017
20. Program Chair of MISNC 2017 (The 4th Multidisciplinary International Social Networks Conference), Intercontinental Hotel, Bangkok, Thailand, July 17-19, 2017
21. PC member of International Research Workshop on The Dark Side of Social Media, Paris School of Business, Paris, May 16, 2017
22. PC member of AINA 2017 (The 31st IEEE International Conference on Advanced Information Networking and Applications), Taipei, Taiwan, March 27-29, 2017
23. PC member of ICAT2E 2017 (The 2017 International Conference on Advanced Technologies Enhancing Education), Qingdao, China, March 18-20, 2017
24. Track co-chair of Special track PASNAM: Patterns in Social Network Analysis and Mining, The Ninth International Conferences on Pervasive Patterns and Applications, Athens, Greece, February 19-23, 2017
25. PC member of IEEE CIT 2016 (16th IEEE International Conference on Computer and Information Technology), Fiji, 8-10 December, 2016

26. PC member of IEEE ICOSST 2016 (The 10th IEEE International Conference on Open Source System and Technologies), Lahore, Pakistan, 15-17 December, 2016
27. PC member of FTC 2016 (Future Technologies Conference), San Francisco, USA, 6-7 December, 2016
28. PC member of [COMPLEX NETWORKS 2016](#), Milan, Italy, November 30-December 02, 2016
29. Special Session Chair of [BESC 2016, The 3rd International Conference on Behavioral, Economic, and Socio-Cultural Computing](#), Duke University, NC, USA, 10-13 November, 2016
30. PC member of ISTA 2016 (the Second International Symposium on Intelligent Systems Technologies and Applications), Jaipur, India, September 21-24, 2016
31. PC member of [SAI IntelliSys 2016 \(SAI Intelligence Conference 2016\)](#), London, UK, September 20-22, 2016
32. Workshop Chair of [ASONAM 2016 \(The The 2016 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining\)](#), UC Davis, Davis, CA, USA, 18-21 August, 2016
33. PC member of [FOSINT-SI \(International Symposium on Foundations of Open Source Intelligence and Security Informatics\)](#), UC Davis, Davis, CA, USA, 18-21 August, 2016
34. Program Chair of MISNC 2016, [The 3rd Multidisciplinary International Social Networks Conference](#), Kean University, New Jersey, USA, 15-17 August, 2016
35. Program Chair of ASE SocialInformatics 2016, The 2016 ASE International Conference on Social Informatics, Kean University, New Jersey, USA, 15-17 August, 2016
36. Program Chair of ASE DataScience 2016, The 2016 ASE International Conference on Data Science, Kean University, New Jersey, USA, 15-17 August, 2016
37. Program Chair of [KMO 2016 \(The 11th International Knowledge Management in Organizations Caonference\)](#), University of Hagen, Hagen, Germany, 25-28 July, 2016
38. PC member of [NETs2016 \(International Conference on Internet Studies\)](#), Osaka, Japan, 22-24 July, 2016
39. PC member of [IoP 2016 \(The 2nd IEEE International Conference on Internet of People\)](#), Toulouse, France, 18-21, July 2016
40. PC member of [SAI Computing Conference 2016](#), London, UK, 13-15 July, 2016
41. PC member of [WWW 2016 \(Poster track\), The 25th World Wide Web Conference, Montreal Canada](#), 11-15 April, 2016

42. PC member of [CIST 2016](#), Ottawa, Canada, May 11-12, 2016
43. PC member of [ICC 2016 \(2016 International Conference on Internet of things and Cloud Computing\)](#), Cambridge University, UK, March 22-23, 2016
44. PC member of [The 13th International Conference on Advances in Mobile Computing & Multimedia \(MoMM 2015\)](#), Brussel, Belgium, 10-12 December, 2015
45. PC member of [The 4th International Workshop on Complex Networks and Their Applications](#), November 23-27, 2015, Bangkok, Thailand
46. PC member of [KICSS 2015\(Tenth International Conference on Knowledge, Information, and Creativity Support Systems\)](#), Phuket, Thailand, November 12-14
47. Editorial Committee of [the First International Workshop on IT-based Management for Smart Business \(ITMSB 2015\)](#)
48. PC member of [WEA 2015 Workshop on Engineering Application](#), Bogota, Colombia, October 25-28, 2015
49. Program Chair of [2015 ASE International SocialInformatics](#), October 7-9, 2015, Kaohsiung, Taiwan
50. Program Chair of 2015 MISNC, [The 2nd Multidisciplinary International Social Networks Conference](#), September 1-3, Matsuyama, Japan
51. Program Committee of [FOSINT-ISI 2015, International Symposium on Foundations of Open Source Intelligence and Security Informatics](#), August 25-28, Paris, France
52. Program Chair of 2015 KMO, [The 10th International Knowledge Management in Organizations Conference](#), 24-28 August, Maribor, Slovenia
53. Workshop Chair of MSNDS 2015, [The 5th International Workshop on Mining and Analyzing Social Networks for Decision Support \(In Conjunction with ASONAM 2015\)](#), 25-28 August, Paris, France
54. PC member of ECDM 2015, [The 9th European Conference on Data Mining](#), 22-24 July 2015, Las Palmas de Gran Canaria, Spain
55. PC member of [SAI 2015 Conference](#), July 28-30, 2015, London, UK
56. PC member of Poster Track of WWW 2015 Conference, [The 24th International World Wide Web Conference](#), May 18-22, 2015, Florence, Italy
57. PC member of WorldCIST'15, [The 3rd World Conference on Information Systems and Technologies](#), Azores, Portugal, 1-3 April, 2015
58. PC member of eKNOW 2015, [The Seventh International Conference on Information Process, and Knowledge Management](#), Lisbon, Portugal, February 22-27, 2014

59. PC member of [BESC 2014 International Conference on Behavior, Economic, and Social-Cultuer Computing](#), Snaghai, China, October 30-November 1, 2014
60. PC member of SITIS 2014 [The 10th International Conference on Signal-Image Technology & Internet-Based Systems](#), Marrakech, Morocco, November 23-27, 2014
61. Steering Committee Chair of [The 1st Multidisciplinary International Social Networks Conference](#), Kaohsiung Exhibition Center, Kaohsiung, Taiwan, September, 13-14, 2014
62. Organization Co-Chair of [The 12th International Conference on Advances in Mobile Computing & Multimedia \(MoMM 2014\)](#), Kaohsiung, Taiwan, 8-10 December, 2014
63. PC member of III Brzailian Workshops on Social Network Analysis and Mining (BraSNAM), Brasilia, July 28-31, 2014
64. PC member of IEEE Joint Intelligence and Security Informatics Conference (JISIC), 2014, the Hague, the Netherlands, September 24-26
65. PC member of FOSINT-SI 2014 (International Symposium on Foundation of Open Source Intelligence and Security Informatics), Beijing, China, Auguster 17-20, 2014
66. PC member of Third International Symposiu on Intelligent Informatics, Delhi, India, September 24-27, 2014
67. PC member of the 2nd International Conference on New Directions in Business, Management, Finance and Economics, Georgia, September 12-14, 2014
68. Program Chair of the 2014 9th International KMO Conference, Santiago, Chile, September 1-4, 2014
69. PC member of Science and Information Conference (SAI Conference 2014), London, Uk, August 27-29, 2014
70. PC member of the 2014 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2014), Beijing, China, August 17-20, 2014
71. PC member of The International Workshop on Social Network Analysis and Mining Using Digital Technology, Niagrar Falls, Ontario, Canada, August 17-20, 2014
72. Publicity Chair and PC member of the 2nd International Conference on Computational Science and Technology (ICCST2014), Kota Kinabalu, Sabah, Malaysia, 27-29 August, 2014.
73. PC member of WorldCIST 2014 (The 2014 World Conference on Information Systems and Technologies), April 15-18, 2014, Maderia, Portugal

74. PC member of the 2nd Business 2013 Workshop, Jeju Island, Korea, December 11-13, 2013
75. PC member of The Second Workshop on Complex Networks and their Applications, in conjunction with SITIS 2013 (The 9th International Conference on Signal Image Technology & Internet Based Systems), Kyoto, Japan, December 02-05, 2013
76. PC member of the First Workshop On Social Web Intelligence (WOSWI), Atlanta, GA, USA, November 17, 2013, In Conjunction with WI-IAT 2013.
77. PC member of EISIC 2013, Upsala, Sweden, August 12-14, 2013
78. PC member of Special Session on Computational Collective Intelligence for Social Understanding and Mining (CCISUM 2013), Craiova, Romania, September 11-13, 2013
79. PC member of the 1st International Conference on New Directions in Business, Management, Finance and Economics (ICNDBM 2013), Famagusta, Cyprus, September 12-14, 2013
80. PC member of FONT-SI 2013 (International Symposium on Foundation of Open Source Intelligence and Security Informatics), Niagara Falls, Canada, August 26-27, 2013
81. PC member of the IADIS European Conference on Data Mining, Prague, Czech, 22-24 July, 2013
82. PC member of the 4-th International Conference on Emerging Intelligent Data and Web Technologies (EIDWT-2013), Xian, China, September 9-11, 2013
83. PC member of International Symposium on Intelligent Informatics (ISI2013), Mysore, India, August 23-24, 2013
84. Workshop Co-chair of the 2013 International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2013), Niagara Falls, Canada, August 25-28, 2013
85. Local Chair of the 2013 International Workshop on Intelligent Data Analysis and Management (IDAM 2013), Kaohsiung, Taiwan, 9-13 September, 2013
86. Local Chair of the 2013 International Workshop on Learning Technology for Education in Cloud (LTEC 2013), Kaohsiung, Taiwan, 9-13 September, 2013
87. Local Chair of the 2013 International Conference on Knowledge Management in Organizations (KMO 2013), Kaohsiung, Taiwan, 9-13 September, 2013
88. PC Member of Information Communication Technology-EurAsia Conference 2013 (ICT-EurAsia 2013), Yogyakarta (Indonesia) , 25th-29th March, 2013
89. PC Member of International Conference on Social Intelligence and Technology 2013 (SOCIETY 2013), 8-10 May 2013, State College, Pennsylvania USA

90. PC Member of The 2013 World Conference on Information Systems and Technologies (WorldCIST13), 27-30 March 2013, Algrave, Portugal
91. Publicity Chair The 6th International Conference on New Trends in Information Science, Service Science and Data Mining (ISSDM 2012), 23-25 October 2012, Taipei, Taiwan
92. PC Member of International Symposium on Foundation of Open Source Intelligence and Security Informatics, 27-28 August 2012, Istanbul, Turkey
93. Co-chair of The 4th International Workshop on Mining Social Networks for Decision Support (MSNDS2012) in ASONAM 2012, 26-29 August 2012, Istanbul, Turkey
94. Co-chair of The 2012 International Workshop on Semantic Social Network Analysis and Design (SSNAD) in ASONAM 2012, 26-29 August 2012, Istanbul, Turkey
95. PC Member of KICSS 2012, Knowledge Information and Creativity Support Systems, 8-10 November 2012, Melbourne, Australia
96. TPC Member of Track "Social Networking and Mining" in the context of the 3rd International Conference on Emerging Intelligent Data and Web Technologies, 19-21 September, 2012, Bucharest, Romania
97. PC Member of EISIC 2012, 22-24 September, 2012, Odense Denmark
98. PC Member of KMO 2012 Seventh International KMO Conference, 11-13 July 2012, Salamanca, Spain
99. PC Member of The 2012 International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2012), 26-29 August 2012, Istanbul, Turkey
100. Workshop Co-chair of The 2012 International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2012), 26-29 August 2012, Istanbul, Turkey
101. Co-chair of The 4th International Workshop on Intelligent Management and e-Business (IMeB 2012), 19-21 March 2012, Kaohsiung, Taiwan
102. Co-organizer of special session of Innovative Social Computing and Applications (in IEEE GrC 2011), 8-10 November 2011, Kaohsiung, Taiwan
103. PC Member of The 2011 2nd International Congress on Computer Applications and Computational Science (CACS 2011), 15-17 November 2011, Bali, Indonesia
104. OC Member of The 2011 IEEE International Conference on Granular Computing (GrC 2011), 8-10 November 2011, Kaohsiung, Taiwan
105. PC Member of PC Member (Poster/Demos) of PC Member of European Intelligence and Security Informatics Conference (EISIC 2011), 12-14 September 2011, Athens, Greece

106. Program Chair of The 2011 International Conference on Advances in Social Networks Analysis and Mining(ASONAM 2011), 25-27 July 2011, Kaohsiung, Taiwan
107. Co-chair of The 3rd International Workshop on Mining Social Networks for Decision Support (MSN-DS 2011), 25-27 July 2011, Kaohsiung, Taiwan
108. OC Member of The First National Conference on Web Intelligence and Applications (NCWIA 2011),29 April 2011, Kaohsiung, Taiwan
109. PC Member of The First National Conference on Web Intelligence and Applications (NCWIA 2011),29 April 2011, Kaohsiung, Taiwan
110. PC Member of The 2010 International Congress on Computer Applications and Computational Science (CACS 2010), 4-6 December 2010, Singapore
111. PC Member of The 2010 International Conference on Advances in Social Networks Analysis and Mining, 9-11/August/2010, Odense, Denmark
112. Chair of the The 2nd International Workshop on Mining Social Networks for Decision Support, (in conjunction with The 2010 International Conference on Advances in Social Networks Analysis and Mining) 9-11/August/2010, Odense, Denmark
113. OC Member of The 17th National Conference on Fuzzy Theory and its Application, 18-19 December 2009, Kaohsiung, Taiwan
114. PC Member of The 17th National Conference on Fuzzy Theory and its Application, 18-19 December 2009, Kaohsiung, Taiwan
115. Chair of the The International Workshop on Social Networks Mining and Analysis for Business Applications, (in conjunction with The 2009 IEEE International Conference on Social Computing) 29-31/August/2009, Vancouver, Canada
116. Chair of the First International Workshop on Mining Social Networks for Decision Support, (in conjunction with The 2009 International Conference on Advances in Social Networks Analysis and Mining) 20-22/July/2009, Athens, Greece
117. Committee Member of 2009 International Conference on New Trends in Information and Service Science, June 30- July 2, 2009, Beijing, China
118. Committee Member of the The 1st International Workshop on Artificial Intelligence Applications for E-services (AIAE'09), 7-9 December 2009, Kaohsiung Taiwan
119. Technical Program Committee Member of the 2009 Internatioinal Conference on Advances in Social Network Analysis and Mining, July 20-22 2009, in Athens Greece

120. PC Member of the 4th International Conference on Networked-Computing and Advanced Information Management, September 2008, in Gyeongju Korea
121. Co-Chair of conference special session on Artificial Intelligence Application on Mobile Commerce and Ubiquitous Services (In Conjunction with the 4th International Conference on Networked-Computing and Advanced Information Management, September 2008, in Gyeongju Korea)
122. Committee Member of the Machine-Mediated Multimodal Communication Workshop (In Conjunction with the 8th IEEE International Conference on Advanced Learning Technologies, 1-5/July 2008, Santander, Cantabria, Spain)
123. PC Member of the 2008 International Conference on Convergence Information Technology (ICCIT 2008) November, 2008, in Busan, Korea
124. PC Member of KES2008(the 12th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems), 3-5/September 2008, in Zagreb, Croatia
125. Chair of the Second International Workshop on Web Mining for E-commerce and E-services, (in conjunction with the 5th International Conference on Service Systems and Service Management ICSSSM'08), 29/June/2008, Melbourne, Australia
126. PC Member of IEEE WCCI 2008 (Artificial Intelligence and Enterprise Decision Support Systems), 1-6/June 2008, Hong Kong, China
127. Program Committee Member of the 2007 International Conference on Computational Intelligence and Security (CIS 2007), 15-19/December/2007, Harbin, China
128. Program Committee Member of the 2007 International Conference on Convergence Information Technology (ICCIT 07), 21th~23th/November 2007, in Gyeongju, Korea
129. Program Committee Member of the Special Session on Intelligent Information Systems for Financial Engineering, (in conjunction with the 2006 International Conference on Hybrid Information Technology), 9-11/November/2007, Cheju Island, Korea
130. Program Committee Member of the Special Session on Artificial Intelligence Applications in Digital Content, (In Conjunction with KES2007 Conference on Knowledge-Based and Intelligent Information & Engineering Systems), 12-14/September/2007, Vietri sul Mare, Italy
131. Program Committee Member of the Special Session on Knowledge and Ontological Engineering for Intelligent Information System Development (KOS), (In Conjunction with KES2007 Conference on Knowledge-Based and Intelligent

- Information & Engineering Systems), 12-14/September/2007, Vietri sul Mare, Italy
132. Chair of the First International Workshop on Web Mining for E-commerce and E-services, (in conjunction with 2007 IEEE Joint Conference on E-commerce Technology and Enterprise Computing, E-commerce and E-services), 23/July/2007, Tokyo Japan
 133. Program Committee Member of the Special Session on Computational Intelligence and Financial Engineering, (in conjunction with IEEE Symposium on CIDM 2007), 1-5/April/2007, Honolulu, Hawaii

Supervised Students

12. IMBA Student (2014-2016)-Factors affecting choice of staying in Taiwan of Vietnamese students, Buingoc Hien
13. Investigating the Anti-Smuggling of Taiwan Protected Species from the Perspective of Game Theory: The Case of Cuora Flavomarginata, 洪博賢, 國立高雄大學國際高階經營管理碩士在職專班(IEMBA), 以賽局理論分析臺灣出口保育類活體動物查緝 -以食蛇龜為例
14. Information Diffusion of Marketing Strategies on Social Network Sites - The Case of Facebook Fan Page, 朱桓毅, 國立高雄大學亞太工商管理學系碩士班, 行銷策略在社會網絡平台上的資訊擴散模式 - 以臉書粉絲專頁為例 (2014-2016)
15. The Effectiveness of Brand Equity on Consumer Purchase Intention through Social Media-Twitter as An Example, Altanshagai Gombosuren, IMBA Student, (2013-2015)
16. A Study on the Interaction amount Key Information of Human Flesh Search Information Delivery, 黃奕甯 (2013-2015), 探討人肉搜索時資訊傳遞之關鍵資訊間相互影響的關係 (2013-2017)
17. Combining Social Information and Emotional Tags for Music Recommender System, 余沛倫, 國立高雄大學資訊管理學系碩士班, 整合社群網站資訊與情緒標籤於音樂推薦系統之研究, (2013-2015)
18. A Study of Automobile Industry in Taiwan, 林玟萱, IMBA Student (2012-2014)
19. 黃昱儒 (2012-2014)
20. Improving the Satisfaction of Social Search by Considering the Factors of User Location, 陳柏宇, 國立高雄大學資訊管理學系碩士班, 考量使用者地點因素以提升社會搜尋結果滿意度之研究 (2012-2016)

21. Applying Classification Technique for Analyzing the Win/Lose Factors of Online Games, 蘇豐凱, 國立高雄大學資訊管理研究所(碩專班), 運用分類技術於線上遊戲勝負因素之分析 (08/2011~06/2013)
22. A Research of Customer Clustering Analysis based on Business Contract-An Empirical Study of A Fire Safety Door Company, 盧致任, 國立高雄大學資訊管理研究所(碩專班), 顧客叢聚分析於合約書資料之研究-防火門公司實例探討 (08/2011~06/2013)
23. Adaptive Website Navigation Recommendation Based on Reinforcement Learning, 唐銀伶, 國立高雄大學資訊管理研究所, 基於增強式學習技術之適性化網站瀏覽推薦 (08/2011~06/2013)
24. A Study on Information Diffusion of Social Network Sites- A Comparison of PTT and Facebook, 劉崑璜, 國立高雄大學亞太工商管理學系碩士班 (2010-2012)
25. Social Search: Applying Social Networks Analysis for Web Search Techniques, 呂筱萱, 國立高雄大學資訊管理研究所, 社會搜尋: 應用社會網絡分析方法於網頁搜尋技術之研究 (08/2010~06/2012)
26. Identifying Key Users from Microblogs by Using Social Networks Analysis and Mining Techniques, 張佩珊, 國立高雄大學資訊管理研究所, 以社會網絡分析與探勘技術於微網誌發掘關鍵人物之研究 (08/2010~06/2012)
27. Discovering Potential Hate Groups by Using the Technique of Social Networks Analysis and Web Mining, 吳峻興, 國立高雄大學資訊管理研究所 (08/2009~09/2012)
28. Applying Social Networks Analysis Methods to Discover Key Users in an Interest-Oriented Virtual Community, 陳柏任, 國立高雄大學資訊管理研究所, 運用社會網絡分析以探索興趣導向虛擬社群關鍵使用者之研究 (08/2009~06/2012)
29. Applying Fuzzy Reinforcement Learning in Digital Games, 方永平, 國立高雄大學資訊管理研究所, 應用模糊增強式學習技術於數位遊戲之研究 (08/2008~07/2011)
30. Using Data Mining Techniques with the Trends of Business Cycle for Financial Crisis Prediction, 林裕晟, 國立高雄大學資訊管理研究所, 考慮景氣循環趨勢應用資料探勘於企業財務危機預測 (08/2008~06/2010)