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## ResearchGate

Link: [https://www.researchgate.net/profile/Pei-Lee\\_Teh](https://www.researchgate.net/profile/Pei-Lee_Teh)

## LinkedIn

Link: <https://my.linkedin.com/in/dr-pei-lee-teh-71344b20>

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## About

Dr. Teh Pei Lee is an Associate Professor at the School of Business, Monash University, Malaysia. Prior to joining Monash University, she was a Senior Lecturer in Multimedia University. She holds the degrees of Bachelor of Information Technology, Master of Management, and a Ph.D. in Management. Her teaching and research interests cover Management Information Systems, Technology Management, Total Quality Management, Knowledge Management, Entrepreneurship, Gerontechnology, Innovation and Learning. She is currently the Associate Editor of the Decision Sciences Journal of Innovative Education (DSJIE) and International Journal of Electronic Business (IJEB). She also serves in editorial board of several international journals and conferences such as Journal of Computer Information Systems, Industrial Management & Data Systems, International Journal of Engineering Business Management and International Conference on Cross-Cultural Design (affiliated conference of Human Computer Interaction International Conference). She is the Chair of IEEE Malaysia Chapter Technology and Engineering Management Society (TEMS), and a member of the Association for Information Systems (AIS), Academy of Management (AOM), Institute for Operations Research and the Management Sciences (INFORMS), Institute of Electrical and Electronics Engineers (IEEE) and International Society for Gerontechnology (ISG). She founded the Gerontechnology Lab in Monash University Malaysia, the first of its kind in Malaysia. She has authored or co-authored papers published in several international journals and conferences proceedings. Her work appears in journals such as International Journal of Hospitality Management, Asia Pacific Journal of Management, International Journal of Operations & Production Management, International Journal of Production Research, Expert Systems with Applications, Journal of Computer Information Systems, Industrial Management & Data Systems, Total Quality Management & Business Excellence, Journal of Global Information Management and etc.

## Qualifications

- Doctor of Philosophy (Management), Multimedia University Malaysia, 2010
- Master of Management majoring in Educational Management, Universiti Putra Malaysia, 2006
- Bachelor of Information Technology majoring in Technology Multimedia Technology Management, Multimedia University Malaysia, 2003

## Expertise

- Total Quality Management
- Technology Management
- Management Information Systems
- Knowledge Management
- Gerontechnology
- Innovation and Learning

## Research Experience and Employment History:

**Jan 2016 – Present** Associate Professor, School of Business, Monash University Malaysia

**Nov 2011 – Dec 2015** Senior Lecturer, School of Business, Monash University Malaysia

**July 2011 – Oct 2011** Senior Lecturer, Faculty of Management, Multimedia University, Malaysia

**Jun 2006 – Jun 2011** Lecturer, Faculty of Management, Multimedia University, Malaysia

**May 2003 – Jun 2006** Assistant Manager, Multimedia University, Malaysia

**May 2002 – Aug 2002** Trainee, Web Development Department, Western Digital, Malaysia

## **Awards and Honours**

### **2017**

- Best Full Paper Award, Human-Computer Interaction International (HCI) Conference, 2017. (Paper title: Teaching Older Adults to Use Gerontechnology Applications Through Instruction Videos: Human-Element Considerations)

### **2016**

- Best Full Paper Award, British Academy of Management (BAM), 2016. (Paper title: Women Copreneurs and Their Path to Legitimate Entrepreneurial Identity)

### **2013**

- Honorable Mention Award, IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 2013 (Paper title: Knowing What a User Likes: Mobiquitous Home with NFC Smartphone)

### **2012**

- PVC's Award for Excellence in Research (Round 2, Year 2012) (Project Title: Lessons from Quality Management, Social Commerce and Knowledge Sharing in Asia)

## **Professional Affiliations**

- Regional Vice President of Malaysia for International Consortium on Electronic Business 2015-2018
- Chapter Chair
  - IEEE Technology Management Council Malaysia Chapter (2013-2014)
  - IEEE Technology and Engineering Management Society Malaysia Chapter (2015 to present)
- Associate Editor
  - Decision Sciences Journal of Innovative Education (DSJIE) (2012 to present)
  - International Journal of Electronic Business (IJEB) (2015 to present)
- Editorial Review Board (selected journals)
  - Journal of Computer Information Systems (2010 to present)
  - Industrial Management & Data Systems (2012 to present)
  - International Journal of Engineering Business Management (2012 to present)
  - International Journal of Modelling in Operations Management (2011 to present)
- Membership in International Professional Bodies (Member)
  - Institute of Electrical and Electronics Engineers (IEEE) (2011 to present)
  - Academy of Management (AOM) (2011 to 2015)
  - Institute for Operations Research and the Management Sciences (INFORMS) (2012 to 2015)
  - Association of Information Systems (AIS) (2013 to present)

# Research

## Research Interests

## Research Projects

1. Project title: Improving youth's empathy towards ageing adults

A social ecosystem that is conducive for older adults to enjoy a good quality of life as they age is important. An empathetic attitude among youth is the vital in the delivery of personal or aged care for older adults. The age simulation suit contributes to that development by offering an opportunity to experience the physical conditions associated with ageing. This study aims to assess the effectiveness of the age simulation suit on cognitive and emotional aspects of young people, and stimulate empathy and interest in them to help care for older adults. This study has been conducted with youth in Japan, and results from this project will now provide valuable insights on the perspective of aged care among youth in Malaysia.

2. Project title: Gerontechnology and Gerontological interface for home environment

Globally, the ageing population and its impact on economics, politics and lifestyle are placing pressure on families, government and institutions. Sustainability of an ageing society depends on our effectiveness in developing for active and independent living for older adults. This project has successfully developed the gerontechnology and gerontological interface integrating with Near Field Communication smartphone and Set-Top-Box to realise "tap-to-connect" interaction, replacing the need for multiple hand-held controllers for different devices. This application present a whole new way of interacting with digital content effortlessly while allowing ubiquitous access to electronic appliances.

3. Project title: Studying Knowledge Content in Key Economic Sectors in Malaysia Phase III (MYKE III)

In May 2014, Monash Malaysia was commissioned by the Malaysian Government to undertake a third phase in the project to assess the state of knowledge content in key economic sectors in the country. Under the MYKE III, Monash Malaysia would develop a more robust and informative model to assess the knowledge intensity of Malaysian firms, and provide advice on the policies and strategies that will enable firms to move up the global innovation value chain.

## Publications

### Book Chapters

- Lu, P., Ma, Q., Yu, R.W.L., Chan, A.H.S., **Teh, P.L.**, So, K.K. (2018), "Facilitating Gerontechnology Adoption: Observational Learning with Live Models," in Rau PL. (eds) Cross-Cultural Design. CCD 2018. Springer International Publishing, pp. 334-345, doi: [https://doi.org/10.1007/978-3-319-92252-2\\_27](https://doi.org/10.1007/978-3-319-92252-2_27), Print ISBN: 978-3-319-92251-5, Online ISBN: 978-3-319-92252-2, Lecture Notes in Computer Science, vol. 10912.
- Yu, R.W.L., Lu, P., Chan, A.H.S., **Teh, P.L.**, Lam, L.Y.C. (2018), "Attitudes and Perceptions of Older Chinese People in Hong Kong Towards Silver Gaming", in Zhou, J. & Salvendy, G. (eds) Human Aspects of IT for the Aged Population 2018. Design for Aging. Springer International Publishing, pp. 571-586, doi: [https://doi.org/10.1007/978-3-319-92037-5\\_40](https://doi.org/10.1007/978-3-319-92037-5_40), Print ISBN: 978-3-319-92036-8, Online ISBN: 978-3-319-92037-5, Lecture Notes in Computer Science, Series Volume 10927.
- **Teh, P.L.**, Phang, C.W., Ahmed, P.K., Cheong, S.Y., Yap, W.J., Ma, Q., Chan, A.H.S. (2017), "Teaching Older Adults to Use Gerontechnology Applications Through Instruction Videos: Human-Element Consider-ations," in Rau PL. (eds) Cross-Cultural Design. CCD 2017. Springer, Cham, pp. 582-591, doi: [https://doi.org/10.1007/978-3-319-57931-3\\_46](https://doi.org/10.1007/978-3-319-57931-3_46), Print ISBN: 978-3-319-57930-6, Online ISBN: 978-3-319-57931-3, Lecture Notes in Computer Science, vol. 10281
- Ma, Q., Chan, A.H.S., **Teh, P.L.** and Poon, S.N. (2016), "Over 60 and ICT: Exploring Factors that Affect Older Adults' ICTs Usage", in Zhou, J. & Salvendy, G. (eds) Human Aspects of IT for the Aged Population. Design for Aging. Springer International Publishing, pp. 196-208, doi: [10.1007/978-3-319-39943-0\\_19](https://doi.org/10.1007/978-3-319-39943-0_19), Print ISBN: 978-3-319-39942-3, Online ISBN: 978-3-319-39943-0, Lecture Notes in Computer Science, Series Volume 9754, Series ISSB: 0302-9743.
- Au, E.Y. L., **Teh, P. L.**, Goonetilleke, R., Ahmed, P. K., Cheong, S. N. & Yap, W. J. (2016). "Does Instructional Video Advertising Influence Behavioral Intention? Comparative Study between Hong Kong and Malaysia", in Goonetilleke, R. & Karwowski, W. (eds) Advances in Physical Ergonomics and Human Factors. Springer International Publishing, pp. (pp. 943-954), doi: [10.1007/978-3-319-41694-6\\_90](https://doi.org/10.1007/978-3-319-41694-6_90), Print ISBN: 978-3-319-41693-9, Online ISBN: 978-3-319-41694-6, Advances in Intelligent Systems and Computing, Series Volume 489
- **Teh, P.L.**, Ling, H.C., Cheong, S.N., Ahmed, P.K. (2016), "Chapter 13 Mobile Embedded System: Your Door Key Evolved with Your Smartphone: A User Evaluation of A Two-Factor Authentication". In Mohamed, N., Mantoro, T., Ayu, M., and Mahmud, M. (Eds.) Critical Socio-Technical Issues Surrounding Mobile Com-puting, IGI Global, Hershey, PA, USA, pp. 257-284. ISBN13: 9781466694385, DOI: [10.4018/978-1-4666-9438-5](https://doi.org/10.4018/978-1-4666-9438-5).
- **Teh, P.L.**, Ahmed, P.K., Chan, A., Cheong, S.N., Yap, W.J. (2015), "Useful or easy-to-use? Knowing what older people like about Near Field Communication Technology", in Zhou, J. & Salvendy, G. (eds) Human Aspects of IT for the Aged Population. Design for Aging. Springer International Publishing, pp. 273-281, doi: [10.1007/978-3-319-20892-3\\_27](https://doi.org/10.1007/978-3-319-20892-3_27), Print ISBN: 978-3-319-20891-6, Online ISBN: 978-3-319-20892-3, Lecture Notes in Computer Science, Series Volume 9193.
- Ma, Q. Chen, K., Chan, A.H.S., **Teh, P.L.** (2015), "Acceptance of ICTs by Older Adults: A Review of Recent Studies", in Zhou, J. & Salvendy, G. (eds) Human Aspects of IT for the Aged Population. Design for Aging. Springer International Publishing, pp. 239-249, doi: [10.1007/978-3-319-20892-3\\_24](https://doi.org/10.1007/978-3-319-20892-3_24), Print ISBN: 978-3-319-20891-6, Online ISBN: 978-3-319-20892-3, Lecture Notes in Computer Science, Series Volume 9193.

### Peer Reviewed Journal Papers

- Sun, H, **Teh, P.L.**, Linton J.D. (Forthcoming), "Impact of environmental knowledge and product quality on student attitude toward products with recycled/remanufactured content: Implications for environmental education and green manufacturing", *Business Strategy and the Environment*, pp. 1–11. Doi: <https://doi.org/10.1002/bse.2043>.
- Lim, W.M., **Teh, P.L.** and Ahmed, P. K. (2018), "It Is Not about What You Read, But How You Read It: The Effects of Sequencing Rational and Emotional Messages on Corporate and Product Brands

Attitudes”, *Journal of Strategic Marketing*, Vol. 26 No. 4, pp. 339-355. doi: <http://dx.doi.org/10.1080/0965254X.2016.1240216>.

- Lim, W.M., **Teh, P.L.**, Ahmed, P.K., Cheong, S.N., Ling, H.C., and Yap, W.J. (2018), "Going keyless for a seamless experience: Insights from a unified hotel access control system", *International Journal of Hospitality Management*, Vol. 75, pp. 105-115. doi: <https://doi.org/10.1016/j.ijhm.2018.03.014>.
- Adebanjo, D., **Teh, P. L.**, and Ahmed, P. K. (2018), "The Impact of Supply Chain Relationships and Integration on Innovative capabilities and Manufacturing Performance: The Perspective of Rapidly Developing Countries", *International Journal of Production Research*, Vol. 56 No. 4, pp. 1708-1721. Doi: <http://dx.doi.org/10.1080/00207543.2017.1366083>.
- Cheong, S.N., Ling, H.C., **Teh, P.L.**, Ahmed, P.K., and Yap, W.J. (2017), "Encrypted Quick Response Scheme for Hotel Check-In and Access Control System", *International Journal of Engineering Business Management*, Vol. 9, pp. 1-9. Doi: 10.1177/1847979017720039. <http://journals.sagepub.com/doi/full/10.1177/1847979017720039>
- **Teh, P.L.**, Lim, W.M., Ahmed, P.K., Chan, A.H.S., Loo, J.M.Y., Cheong, S.N. and Yap, W.J. (2017), "Does power posing affect gerontechnology adoption among older adults?", *Behaviour & Information Technology*, Vol. 36 No. 1, pp. 33-42. doi: 10.1080/0144929X.2016.1175508.
- Sun, H., Ha, W., **Teh, P.L.** and Huang, J. (2017), "A Case Study on Implementing Modularity in Software Development", *Journal of Computer Information Systems*, Vol. 57 No. 2, pp. 130-138. doi:10.1080/08874417.2016.1183430
- Sun, H., **Teh, P.L.**, Ho, K. and Lin, B. (2017), "Team Diversity, Learning and Innovation: A Mediation Model", *Journal of Computer Information Systems*, Vol. 57 No. 1, pp. 22-30.
- Adebanjo, D., **Teh, P.L.**, and Ahmed, P.K. (2016), "The Impact of External Pressure and Sustainable Management Practices on Manufacturing Performance and Environmental Outcomes", *International Journal of Operations & Production Management*, Vol. 36 No. 9, pp. 995-1013
- Joseph, S., **Teh, P.L.**, Chan, A.H.S., Ahmed, P.K., Cheong, S.N. and Yap, W.J. (2016), "Gerontechnology Usage and Acceptance Model (GUAM): A Qualitative Study of Chinese Older Adults in Malaysia", *Gerontechnology Journal*, Vol. 14 No. 4, pp. 224-238.
- **Teh, P.L.** and P.K. Ahmed (2016), "New Gerontechnology Laboratory in Malaysia", *Gerontechnology Journal*, Vol. 14 No. 4, pp. 248.
- **Teh, P.L.**, Ahmed, P.K. and Tayi, G.K. (2015), "Generation-Y shopping: The impact of network externalities and trust on adoption of social commerce", *International Journal of Electronic Business*, Vol. 12 No. 2, pp. 117-141
- **Teh, P.L.**, Ahmed, P.K., and D'Arcy, J. (2015), "What Drives Information Security Policy Violations among Banking Employees? Insights from Neutralization and Social Exchange Theory", *Journal of Global Information Management*, Vol. 23 No. 1, pp. 44-64. doi:10.4018/jgim.2015010103
- **Teh, P.L.**, Ahmed, P.K., Goonetilleke, R. S., Au, E.Y.L., Cheong, S.N., Yap, W.J. (2014), "Viewing versus Experiencing in Adopting Somatosensory Technology in Smart Applications", *Pacific Asia Journal of the Association for Information Systems*, Vol. 6 No. 3, pp-21-45.
- **Teh, P.L.**, Ahmed, P.K., Cheong, S.N. and Yap, W.J. (2014), "Age-group Differences in Near Field Communication Smartphone", *Industrial Management & Data Systems*, Vol. 114 No. 3, pp. 484-502.
- **Teh, P.L.**, Yong, C.C. and Lin, B. (2014), "Multidimensional and mediating relationships between TQM, role conflict and role ambiguity: A role theory perspective", *Total Quality Management & Business Excellence*, Vol. 25 No. 12, pp. 1365-1381. DOI:10.1080/14783363.2012.733266
- Cheong, S.N., Ling, H.C., and **Teh, P.L.** (2014), "Secure Encrypted Steganography Graphical Password Scheme for Near Field Communication Smartphone Access Control System", *Expert Systems with Applications*, Vol. 41 No. 7, pp. 3561-3568.
- Chong, C.W., **Teh P.L.**, and Tan, B.C. (2014), "Knowledge sharing among Malaysian universities' students: Do personality traits, class room and technological factors matter?", *Educational Studies*, Vol. 40 No. 1, pp. 1-25. DOI: 10.1080/03055698.2013.825577.
- Tritos, L., **Teh, P.L.** and Adebanjo, D. (2013), "Revisiting Quality Management and Performance", *Industrial Management & Data Systems*, Vol. 113 No. 7, pp. 990-1006.

## Journal Papers in Review

## Journal Papers in Preparation

## Theses/Reports

## Articles and Editorials

## Peer Reviewed Conference Papers

- Lu, P., Ma, Q., Yu, R.W.L., Chan, A.H.S., **Teh, P.L.**, So, K.K. (2018), "Facilitating Gerontechnology Adoption: Observational Learning with Live Models," Human-Computer Interaction International (HCII 2018), 15th - 20th July 2018, Caesars Palace, Las Vegas, Nevada, United of States America.
- Yu, R.W.L., Lu, P., Chan, A.H.S., **Teh, P.L.**, Lam, L.Y.C. (2018), "Attitudes and Perceptions of Older Chinese People in Hong Kong Towards Silver Gaming", Human-Computer Interaction International (HCII 2018), 15th - 20th July 2018, Caesars Palace, Las Vegas, Nevada, United of States America.
- Xu, X., Li, E.Y., Wu, C.L., **Teh, P.L.**, Li, Q. (2018), "The Impact of Emotional Factors and Synesthesia on Purchasing Intention in E-commerce", Pacific Asia Conference on Information Systems (PACIS 2018), 26th - 30th June 2018, Yokohama, Japan.
- Tsigas, Z.D., Chong, A.Y.L., Pu, X., and **Teh, P.L.** (2017), "Adoption of eSCM in Centralized and Decentralized Manufacturing Organizations", Pacific Asia Conference on Information Systems (PACIS 2017), 16th – 20th July 2017, Meritus Pelangi Beach Resort & Spa, Langkawi, Malaysia.
- **Teh, P.L.**, Phang, C.W., Ahmed, P.K., Cheong, S.Y., Yap, W.J., Ma, Q., Chan, A.H.S. (2017), "Teaching Older Adults to Use Gerontechnology Applications Through Instruction Videos: Human-Element Considerations", Human-Computer Interaction International (HCII 2017), 9th -14th July 2017, Vancouver Convention Centre, Vancouver, Canada. (Best Paper Award)
- Tan, E.X., **Teh, P.L.**, and Ahmed, P.K. (2016) "Understanding Trust Transference among Social Network Friends in Social Commerce", The 16th International Conference on Electronic Business (ICEB 2015), 4th -8th December 2016, Xiamen University, Xiamen, China.
- Lim, W.M., **Teh, P.L.**, Ahmed, P.K., Chan, A.H.S., Cheong, S.N. and Yap, W.J. (2016), "Enhancing the Sense of Power and User Adoption in Gerontechnology: An Experimental Investigation of Near-field Communication Lighting Systems", IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 4th – 7th December 2016, Bali Nusa Dua Convention Center, Bali, Indonesia.
- Ho, H.P., Ahmed, P.K. and **Teh, P.L.** (2016), "Women Copreneurs and Their Path to Legitimate Entrepreneurial Identity", British Academy of Management (BAM) 2016, 6th – 8th September 2016, Newcastle University, United Kingdom. ISBN: 978-0-9549608-9-6, pp. 1-26. (Best Full Paper Award)
- Au, E.Y. L., **Teh, P. L.**, Goonetilleke, R., Ahmed, P. K., Cheong, S. N. & Yap, W. J. (2016). "Does Instructional Video Advertising Influence Behavioral Intention? Comparative Study between Hong Kong and Malaysia", 7th International Conference on Applied Human Factors and Ergonomics, 27th – 31st July 2016, Walt Disney World® Swan and Dolphin Hotel, Orlando, Florida, USA.
- Ma, Q. Chan, A.H.S., **Teh, P.L.** and Poon, S.N. (2016), "Over 60 and ICT: Exploring Factors that Affect Older Adults' ICTs Usage", Human-Computer Interaction International (HCII 2016), 17th - 22nd July 2016, The Westin Harbour Castle Hotel, Toronto, Canada.
- **Teh, P.L.**, Joseph, S., Ahmed, P.K., Chan, A.H.S., Cheong, S.N. and Yap, W.J. (2015), "Technology Adoption Factors for Older Adults: An Exploratory Gerontechnology Study", The 15th International Conference on Electronic Business (ICEB 2015), 6th -10th December 2015, Hyatt Regency Hotel, The Chinese University of Hong Kong, Sha Tin, Hong Kong. ISSN: 1683-0040.
- Lim, W.M., **Teh, P.L.**, Ahmed, P.K., Chan, A.H.S., Cheong, S.N. and Yap, W.J. (2015), "Are Older Adults Really that Different? Some Insights from Gerontechnology", IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 6th – 9th December 2015, Suntec Singapore Convention & Exhibition Centre, Singapore.



- Ma, Q. Chen, K., Chan, A.H.S. and **Teh, P.L.** (2015), “Acceptance of ICTs by Older Adults: A Review of Recent Studies”, Human-Computer Interaction International (HCII 2015), 2-7 August 2015, Los Angeles, CA, United of States America.
- **Teh, P.L.**, Ahmed, P.K., Chan, A., Cheong, S.N. and Yap, W.J. (2015), “Useful or easy-to-use? Knowing what older people like about Near Field Communication Technology”, Human-Computer Interaction International (HCII 2015), 2-7 August 2015, Los Angeles, CA, United of States America.
- **Teh, P.L.**, Ahmed, P.K., Goonetilleke, R. S., Au, E.Y.L., Cheong, S.N. and Yap, W.J. (2015), “Technology Acceptance and Hand Anthropometry (TAHA) Model: Insights from Somatosensory Technology”, 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, Physical Ergonomics and Human Factors, 26-30 July 2015, Caesars Palace Hotel, Las Vegas, NV, United States of America.
- Lin, Y.F., Liang, T.P., **Teh, P.L.** and Lai, C.Y. (2015), “Can Time Pressure and Discount Strategy of Mobile Coupons Affect Consumers’ Purchase Intention?”, 19th Pacific Asia Conference on Information Systems (PACIS 2015), 5-9 July 2015, Marina Bay Sands Hotel, Singapore.
- Hsieh, J.Y., Fu, K.J., and **Teh, P.L.** (2015), “Public Value, Citizen Satisfaction, and Perceived Government Performance across Mainland Taiwan and Malaysian Chinese”, American Society for Public Administration (ASPA) 2015 Annual Conference, Building a stronger and more equitable society, 6-10 March 2015, Chicago, Illinois.
- Lim, W.M., **Teh, P.L.**, and Ahmed, P.K. (2014), “Message Sequencing of Rational and Emotional Appeals: A Study on Consumer Brand and Product Attitudes”, IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 9th – 12th December 2014, Sunway Resort Hotel & Spa, Malaysia. ISBN: 978-1-4799-6410-9/14/
- **Teh, P.L.**, Adebajo, D. and Ahmed, P.K. (2014), “Factors Affecting Product Quality and Reliability: A Comparison of Developed and Developing Countries”, IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 9th – 12th December 2014, Sunway Resort Hotel & Spa, Malaysia. ISBN: 978-1-4799-6410-9/14
- **Teh, P.L.**, Ahmed, P.K., Goonetilleke, R. S., Au, E.Y.L., Cheong, S.N., Yap, W.J. (2014), “Hand Anthropometry: A Missing Construct in Technology Acceptance Model”, INFORMS Annual Meeting 2014, 9 – 12 November 2014, Hilton San Francisco Union Square & Parc 55 Wyndham San Francisco, California, United of States America.
- **Teh, P.L.**, Ahmed, P.K., Goonetilleke, R. S., Au, E.Y.L., Cheong, S.N., Yap, W.J. (2014), “The Influence of Direct and Indirect Experience on Somatosensory Technology Adoption”, INFORMS Annual Meeting 2014, 9 – 12 November 2014, Hilton San Francisco Union Square & Parc 55 Wyndham San Francisco, California, United of States America. (Invited session)
- Hsieh, J. Y., Fu, K.J., and **Teh, P.L.** (2014), “Does Public Value Capture the Citizen Voices on Transparency, Citizen Satisfaction, and Government Performance across the Chinese Societies of Shanghai, Taipei, and Kuala Lumpur”, International Conference on Next Steps for Public Administration in Theory and Practice: Looking Backward and Moving Forward, November 16-18, 2014, Sun Yat-sen University, Guangzhou, China.
- **Teh, P.L.**, Ahmed, P.K., Cheong, S.N., Chan, A.H.S. and Yap, W.J. (2013), “Knowing What a User Likes: Mobiquitous Home with NFC Smartphone”, IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 10th – 13th December 2013, Bangkok, Thailand. (Awarded the Honorable Mention Award 2013)
- **Teh, P.L.** and Ahmed, P.K. (2013), “Information Security Policy Violation: Insights from the Role Theory”, INFORMS Annual Meeting 2013, 6 – 9 October 2013, INFORMS Minneapolis Convention Center, Minneapolis, United of States America.
- **Teh, P.L.** and Ahmed, P.K. (2013), “Information Security Awareness and Compliance: Insights from Protection Motivation Theory”, The 2nd International Symposium on System Informatics and Engineering (ISSIE 2013), 8 – 9 July 2013, Xi'an, China, pp. 64-69.

## Conference Abstracts

10 Postgraduate

## Solutions for the ageing population

**Ageing is a major issue across the globe that needs to be addressed, and more work needs to be done in Malaysia as well as the Asian and Asia-Pacific region to help the ageing population integrate, assimilate and contribute.**

As the world's population ages, the need for solutions to support the elderly is becoming increasingly urgent. In Malaysia, the ageing population is projected to reach 10 million by 2030, according to the Department of Statistics. This demographic shift presents significant challenges for the healthcare system, social services, and the economy as a whole.

Dr. [Name], a geriatrician at [Hospital], emphasizes the importance of a holistic approach to elderly care. "We need to focus on preventive care, early diagnosis, and comprehensive management of chronic conditions. Additionally, social support and mental health services are crucial for improving the quality of life for our elderly citizens."

The article also discusses the role of technology in addressing these challenges. Telemedicine, wearable health devices, and digital health platforms are being explored as tools to enhance monitoring and care for the elderly. However, it notes that digital literacy and access to technology remain barriers for many older adults.

Dr. [Name] concludes that while progress has been made, much more work is needed. "We must invest in research, training for healthcare professionals, and the development of age-friendly communities. Only through a concerted effort can we ensure that our ageing population is not just supported, but truly integrated and contributing to society."

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- **Molecular Medicine**  
MSc (Molecular Medicine)
- **Pharmacy Practice**  
MSc (Pharmacy Practice)
- **Public Health**  
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- **Medical and Health Systems**  
MSc (Medical and Health Systems)

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12 POSTGRAD

## Making progress in geriatric care

**The First Gerontechnology Symposium 2017 bequeathed the amalgamation of geriatrics and technology.**

The symposium, held at the [Venue], brought together experts from various disciplines to discuss the latest advancements in gerontechnology. The event was a landmark occasion, marking the first time such a symposium was held in the region.

Dr. [Name], the keynote speaker, highlighted the potential of technology to revolutionize geriatric care. "From telemedicine to artificial intelligence, technology offers unprecedented opportunities to improve the lives of our elderly population. However, we must also address the challenges of digital literacy and accessibility."

The symposium featured several sessions on topics such as "Digital Health for the Elderly," "AI in Geriatrics," and "Telemedicine in Practice." Attendees had the opportunity to engage in discussions and networking with leading experts in the field.

Dr. [Name] expressed his confidence in the future of gerontechnology. "As we continue to invest in research and innovation, we can unlock the full potential of technology to support our ageing population. The symposium was a testament to the collaborative spirit and shared vision of the geriatric care community."

**idp STUDY ABROAD EXHIBITION**  
1-12 March 2018

CITY	DATE	DESTINATION	TIME	VENUE
KUALA LUMPUR	1-12 March 2018	UK, Australia & New Zealand	9pm - 4pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	9pm - 7pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre
KUALA LUMPUR	2-9 March 2018	UK, Australia & New Zealand	11am - 5pm	Putrajaya Convention Centre

For application: Bring along your original documents & transcripts

www.idp.com/malaysia

Monash University Youtube – Agent of Change - Teh Pei Lee - Monash Business School – Malaysia  
<https://www.youtube.com/watch?v=hu0IyKlffqo>

## Research Grants

- Dr Surya Girinatha Nurzaman, **Associate Professor Teh Pei Lee**, Mr. Khoo Boon How. 2018-2019. *Soft-gripper-based Mobile Robot Manipulato for Elderly Care Assistance*, Monash University Malaysia, RM24,000
- **Associate Professor Teh Pei Lee**. 2018: *2018 IEEE Malaysia Section Educational Activities Support Fund*, IEEE Malaysia Section, RM500
- **Associate Professor Teh Pei Lee**, A/Prof Qasim Ayub, A/Prof Alexandre Rene Schaefer, Prof Mohamed Shajahan Yasin, A/Prof Tan Chee Pin, Dr Vineetha Kalavally, A/Prof Lee Sui Mae, Dr Yek Sze Huei, Prof Sadequr Rahman, Prof Pervaiz K Ahmed, A/Prof Shaun Lee Wen Huey, A/Prof Motoki Watabe, Dr Susilawati, Dr Deepa Alex, A/Prof Daniel Prajogo, Ms Joyce Sin Tong Joo, Ms Jaqueline Wong, Dr Wong Chieh Lee, Dr Jamuna Jairaman, Dr Norziha Zainul Abidin. 2018-2020. *Aging and Urban Mobility in Bandar Sunway: A holistic approach*, Monash University Malaysia, RM250,000
- **Associate Professor Teh Pei Lee**, Professor Ahmed Pervaiz Khalid, Associate Professor Motoki Watabe, Associate Professor Shaun Lee Wen Huey, Professor Rajendran Parthiban, Associate Professor Tan Chee Pin, Dr. Surya Girinatha Nurzaman, Associate Professor Wong Kok Sheik, Dr. Chong Chun Yong. 2018. *Gerontechnology Lab*, Monash University Malaysia, RM79,772
- Associate Professor Tan Chee Pin, Professor Pervaiz K Ahmed, Dr Chiew Yeong Sheong, Dr Suleman Khan ,Dr Chong Chun Yong , Dr Susilawati, Dr Md Abdus Samad Kamal, Associate Professor Santha, Vaithilingam , Associate Professor Wong Kok Sheik , **Associate Professor Teh Pei Lee**. 2018-2019. *Sustainable Intelligent Transportation Ecosystem*, Monash University Malaysia, RM250,000
- Dr Daniel Kong, **Associate Professor Teh Pei Lee**, Dr Ahmad Mousa, Dr Chang Wei Sea, Dr Ehsan Zeimaran, Mr Arreshvhina Narayanan, Mr Calvin Ooi. 2018-2019. *Development and Implementation Studies on Interlocking Solar Concrete Paver (ISCP)*, Monash University Malaysia, RM249,992
- **Associate Professor Teh Pei Lee**, Professor Ahmed Pervaiz Khalid, Associate Professor Motoki Watabe, Dr. Priyia Pusparajah, Associate Professor Tan Chee Pin, Dr. Surya Girinatha Nurzaman, Khoo Boon How Dr. Jin Zhe. 2017. *Gerontechnology Lab*, Monash University Malaysia, RM108,350
- **Associate Professor Teh Pei Lee**, Associate Professor Motoki Watabe. 2017-2018. *Improving Young People Empathetic Attitudes toward Older Adults through Age Simulation Suit*, FMR Construction Sdn Bhd, RM39,750
- **Associate Professor Teh Pei Lee**. 2016-2017. *Assistive Technology for Housing, Health and Wellbeing of Older Adults*, Invention Magic Box (M) Sdn Bhd, RM10,000
- Mr. Yap Wen Jiun, Mr. Cheong Soon Nyeon, Dr. Ling Huo Chong, **Associate Professor Teh Pei Lee**. 2016-2017. *Design and development of hotel centralized Room Appliances Control system*, Multimedia University, RM23,500
- **Associate Professor Teh Pei Lee**, Professor Ahmed Pervaiz Khalid, Associate Professor Motoki Watabe, Dr Uma Devi A/P Jogulu, Professor Kuah Khun Eng, Associate Professor Rajendran Parthiban, Associate Professor S.M. Shamsul Haque. 2016. *Gerontechnology Lab*, Monash University Malaysia, RM26,167

- **Associate Professor Teh Pei Lee**, Dr Jasmine Loo May Yee, Professor Dr. Chee Wei Phang, Mr. Cheong Soon Nyeen. 2016-2017. *Understanding Gerontechnology Learning in Older Adults: An Examination of Human and Cartoon Instruction Videos*, Monash University Malaysia, RM10,000
- **Associate Professor Teh Pei Lee**, Professor Pervaiz K. Ahmed. 2015. *Design and Development of Gerontechnology Lab in Monash University*, Khind Starfish Foundation, RM50,000
- Professor Pervaiz K. Ahmed, **Associate Professor Teh Pei Lee**. 2015. *Translation of Research to Practice: Development of the Myridesmart Hazard Training Initiative*, Social Organisation Security (SOCSO), RM110,000
- Mr. Cheong Soon Nyeen, Dr. Ling Huo Chung, Yap Wen Jiun, Dr. Tan Wooi Haw, Dr. Ooi Chee Pun, **Associate Professor Teh Pei Lee**, Mr. Keith Ng. 2015-2016. *Design and Development of Unified Hotel Access Control System*, TM R&D, RM216,493
- **Associate Professor Teh Pei Lee**, Professor Pervaiz K. Ahmed, Dr. Alan Hoi-shou Chan, Cheong Soon Nyeen. 2014-2016. *Design and Development of "Gerontological Interface" for the Home Environment*, Ministry of Science, Technology and Innovation (MOSTI), Government of Malaysia, RM157,600
- Professor Pervaiz K. Ahmed, Professor Mahendhiran S Nair, A/Prof Santha Vaithilingam, , **Associate Professor Teh Pei Lee**,, Dr. Au Wee Chan,, Dr. Afkar Q. S. Hilles,, Mr. Daniel Lee, 2014-2015. *Study on Knowledge Content in Key Economic Sectors in Malaysia: Phase 3 (MYKE III)*, Economic Planning Unit, Prime Minister's Office, Government of Malaysia, RM1,950,380.29
- **Associate Professor Teh Pei Lee**, Professor Pervaiz K. Ahmed, Dr. Alan Hoi-shou Chan, Dr. Fang Chee Mun, Cheong Soon Nyeen, Yap Wen Jiun, 2015. *Exploring the Effects of Power Postures on User Acceptance of New Technology*, Monash University Malaysia, RM10,000
- **Associate Professor Teh Pei Lee**, Professor Pervaiz K. Ahmed, Dr. Alan Hoi-shou Chan (City University of Hong Kong, HK), Cheong Soon Nyeen (Multimedia University), Yap Wen Jiun (Multimedia University), 2014. *Understanding gerontechnology usage and acceptance among elderly people*, Monash University Malaysia, RM10,000
- **Associate Professor Teh Pei Lee**, Dr John D'Arcy (Uni. Of Delaware, US), Professor Pervaiz K. Ahmed, 2012. *An intra-and-inter-individual study of security-related impediments, emotions, and information systems security policy violations*, Monash University Malaysia, RM10,000
- **Associate Professor Teh Pei Lee**, Professor Pervaiz K. Ahmed, 2013-2014. *Theory of Emotion, and Its Application In Consumer Adoption of Islamic Banking Products*, Monash University Malaysia, RM10,000
- **Associate Professor Teh Pei Lee**, Professor Pervaiz K. Ahmed, 2012. *Antecedents of Information Security Policy Compliance in Banking Institution in Malaysia*, Monash University Malaysia. RM20,000

## Supervision

### **Loh Joo Pin (with A/Prof Motoki Watabe)**

Does 'Sleep on It' Work? Effects of Sleep and Lack of Sleep on Decision-Makings for Management: An Experimental Study

2016 – Present

### **Ma Qi**

An Investigation of the Effectiveness of Information Technology Training Approaches Incorporating Observational, Enactive, Collaborative Learning on Older Adults' Technology Acceptance

2014 – 2017

### **Tan Ee Xion**

Trust Formation and Transference in Social Commerce

2013 – 2016

### **Hui Ping Ho**

A pursuit of entrepreneurial legitimacy: Agentic performance and identity work of Malaysian women entrepreneurs

2012 – 2018

## Other Achievements

### **Award and Honours:**

#### **2017**

- Best Full Paper Award, Human-Computer Interaction International (HCI) Conference, 2017. (Paper title: Teaching Older Adults to Use Gerontechnology Applications Through Instruction Videos: Human-Element Considerations)

#### **2016**

- Best Full Paper Award, British Academy of Management (BAM), 2016. (Paper title: Women Copreneurs and Their Path to Legitimate Entrepreneurial Identity)

#### **2013**

- Honorable Mention Award, IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 2013 (Paper title: Knowing What a User Likes: Mobiquitous Home with NFC Smartphone)

#### **2012**

- PVC's Award for Excellence in Research (Round 2, Year 2012) (Project Title: Lessons from Quality Management, Social Commerce and Knowledge Sharing in Asia)