



ASSRI' 18 Part 2 Program

Date: 14th December, 2018

Venue: Decision Systems Lab, School of Computing and IT, University of Wollongong Australia,

PAPER SESSION 1 (Building 3, Room 224)

11:00 – 11:30 **Title:** *Can current conceptions of strategy support the formulation, analysis and execution of service strategies?*

(H. Wang)

11:30 – 12:00 **Title:** *e-Mentoring Activities in Online Programming Communities: An Empirical Study on Stack Overflow* (Elham Kariri and Carlos Rodriguez)

12:00 – 12:30 **Title:** *iRecruit: Towards Automating the Recruitment Process* (Usman Shahbaz, Amin Beheshti, Sadegh Nobari, Qiang Qu, Hye-Young Paik and Mehregan Mahdavi)

12:30 – 14:30 LUNCH BREAK (Building 6, Room 105)

PAPER SESSION 2 (Building 6, Room 105)

14:30 – 15:00 **Title:** *A statistical approach to explore the association between changes made and challenges faced by a successful airline* (Rajib Dutta): Service Innovation Challenge Paper

15:00 – 15:30 **Title:** *Improving airline operations efficiency via flexible business process management* (Sumeet Kumar and Yingzhi Gou): Service Innovation Challenge Paper

KEYNOTE SESSION (Building 6, Room 105)

15:30 – 16:30 **Keynote:** A/Prof. Hoa Dam (Univ. of Wollongong)

Title: *Artificial Intelligence for Software Engineering*

Abstract: The rise of Artificial Intelligence (AI) has the potential to significantly transform the practice of software engineering. AI can assist project managers and team members (e.g. software engineers, business analysts, QA engineers, etc.) by not only automating repetitive, high-volume tasks, but also enabling project analytics for estimation and risk prediction, providing actionable recommendations, and even making decisions. AI is potentially a game changer for software development and project management in helping accelerate productivity and increase project success rates. In this talk, I will highlight some of our recent work in leveraging cutting-edge AI techniques to develop a suite of analytics methods for software engineering.

ABOUT THE SPEAKER

Hoa Khanh Dam is an Associate Professor in the School of Computing and Information Technology, University of Wollongong (UOW) in Australia. He is Associate Director for the Decision System Lab at UOW, heading its Software Engineering Analytics research program. His research interests lie primarily in the intersection of software engineering analytics, process analytics and service analytics. He holds PhD and Master degrees in Computer Science from RMIT University, and Bachelor of Computer Science degree



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from the University of Melbourne in Australia. His research has won multiple Best Paper Awards (at WICSA, APCCM, and ASWEC) and ACM SIGSOFT Distinguished Paper Award (at MSR). His work has been published in the top venues in software engineering journals (IEEE TSE, JSS, EMSE) and conferences (ICSE, FSE, ASE), AI/intelligent agents (AAMAS, JAAMAS), and service-oriented computing (ICSOC, CaiSE, BPM). He has served as Program Chair, Organization Chair, Guest Editor, Journal Editorial Board, Steering Committee and (Senior) Program Committees for various international conferences and journals in his areas of expertise. Prior to his academic career, he spent a number of years in the industry at various positions, including technical architect, project manager and software engineer. For more information, see his homepage <https://www.uow.edu.au/~hoa/>