

APM Midlands Industry-Academic Symposium

Project Management (PM) and Artificial Intelligence (AI) Symposium – 29 October 2019

Program

Time	Description	Mode	Speaker/ Facilitator
16:00	Arrival, registration and networking		
16:20	Welcome by Loughborough University School of Architecture, Building and Civil Engineering, APM Midlands Branch, APM Research.	Presentation	Prof Andy Dainty (Loughborough University) Roger Garrini (APM Midlands Branch) Daniel Nicholls (APM)
16:40	What does AI in PM mean for my discipline & why is it important?	Presentation	Dr Karen Blay, (Loughborough University)
16:45	The meaning of AI in PM for my discipline, and the top 3 issues which need solving.	Round Table discussion	Facilitator: Dr Nicholas Dacre (University of Southampton)
17:15	Summary of round table discussions		Facilitator: Dr Nicholas Dacre (University of Southampton)
17:30	1. Smart Cities 'Smart cities have multidimensional components such as ICT applications, citizen engagement and governance'; thus, they have unique opportunity to use synergies. This study highlights the need to utilise AI and citizen-centric initiatives and develop knowledge sharing and learning capabilities for future smart city developments.	Presentation	Dr John Israilidis Antoniou (Nottingham Business School)
17:45	2. To what extent can we black box Project Management as a profession? Dr Ian Stewart and his PhD student, Kun Wang, seek to answer the question; Can AI learn to be a professional Project Manager? This study explores the general application of AI considering the specifics of fabricating AI as part of project management professionalisation and its sociological impacts on the profession. By doing so it will seek to understand how AI can be applied to aid practical project delivery.		Dr Ian Stewart (University of Manchester)
17:55	3. AI in Project Management How to leverage big data knowledge mitigation in complex projects. This study focuses on the interface between big data and the PM throughout the project lifecycle.		Dr Nicholas Dacre (University of Southampton)

18:10	<i>10 minutes Q and A</i>		
18:20	Break and networking, Poster Competition & Workshop- DECONT (<i>"The future of enabling digital technologies to transform construction"</i>) Networking break and an opportunity for delegates to view student posters, providing feedback and pick their favourite from the evening.		
19:15-19:55	Panel Discussion Some questions the panel will look to address: 1. How can governance use AI to better control projects, which might include scanning for signs of failure/success across metrics. In which case which metrics can be learned. 2. How to govern AI projects which might include knowing when to stop, how to ensure your AI learns the right things 3. Questions from the audience	Panel discussion	Chaired by Dr Serkan Ceylan (University of Southampton) Participants will include: Roger Garrini, John Israilidis, Dr Aaron Anvuur, Fredrik Kockum
20:00	Wrap up and close		