

Technical Program

Day 1 – Thursday, 21th March 2019	
08:30 – 09:00	Registration
09:00 – 09:10	Welcome address – Prof Ahmed Al-Shamma’a, Executive Dean, Faculty of Engineering and Technology, LJMU, UK.
09:10 – 9:20	Sensor City – Dr Joanne Phoenix, Interim Executive Director, Sensor City, UK
09:20 – 09:30	Introduction to the program – Dr Princy Johnson, EEE, LJMU, UK
09:30 – 10:15	Keynote Talk - IoT technologies: the present and future, Mr. Deyrick Allen, IOT Horizon Ltd, UK
10:15 – 10:30	IoT solutions from Pycom - Ms Emily Crittenden, Pycom Ltd, UK
10:30 – 11:00	Tea/Coffee break and visit to exhibition
11:00 – 11:15	Presentation from IEEE (Dr Annabel Latham, MMU, WIE IEEE UK&I Chair)
11:15 – 11:45	Internet of Things (IoT): An Introduction, Gopi Garge, SmartLancs Ltd., UK
11:45 – 12:15	Cybersecurity in Industrial IoT - Soumya Kanti Datta, Digiotech, Estonia
12:15 – 13:00	Hands-on Problem Selection and Team Formation
13:00 – 14:00	Lunch break
14:00 – 14:15	Digital Transformation in the Real World by James Moores from Hosokawa Micron Ltd.
14:15 – 15:00	Hands-on Session 1 – Hardware Platform and its functions S. K. Datta, Bharat Penumathsa, Gopi Garge, & Princy Johnson
15:00 – 15:30	DoES – Alex Lennon and Julian Todd – ‘IoT at work – show and tell’
15:30 – 16:00	Tea/Coffee break and visit to exhibition
16:00 – 17:00	Hands-on Session 2 – Familiarise with the software platforms and its functions S. K. Datta, Bharat Penumathsa, Gopi Garge & Princy Johnson
17:00 – 17:15	Summary and plan for the next day

Day 2 – Friday, 22nd March 2019	
09:00 – 09:10	Introduction to Day Two – Princy Johnson, LJMU, UK
09:10 – 10:20	Ideation Session – Anna Sexton, Centre for Entrepreneurship, LJMU, UK
10:20 – 10:30	Team formation and briefing
10:30 – 10:50	Tea/Coffee break and visit to exhibitors
10:50 – 11:30	Short industry presentations - Defproc – Patrick Fenner on ‘Proof of Concept - Idea to Thing’ AIMES Management Services – Trusted Research Environment
11:30 – 12:00	Keynote – Security concerns in IoT – Chitra Balakrishna, The Open University, UK
12:00 – 13:00	IIoT Solution Development
13:00 – 14:00	Lunch break
14:00 – 15:30	Hands-on Session 3 - S. K. Datta, Bharat Penumathsa, Gopi Garge & Princy Johnson
15:30 – 16:00	Tea/coffee break + visit to exhibition at Sensor City
16:00 – 16:30	Participating teams prepare presentations for their pitch
16:30 – 17:10	Teams pitch the solutions – feedback using ‘Waterhole Evaluation techniques’
17:10 – 17:20	Teams present their final solutions using 2-minute pitch
17:20 – 17:30	Concluding remarks, vote of thanks and close