

School of Engineering and Informatics  
PhD Symposium and PGT Poster Exhibition  
3<sup>rd</sup> of July 2018

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## Detailed Schedule of Events

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### 09:00-9:15 | Welcome | Chichester Lecture Theatre

Chair: Prof. David Weir

### 9:15-10:15 | Session 1: Engineering and Informatics 1st Year PhD Student Presentations | Chichester LT

*(5 minutes each + 1 minute for questions and handover)*

Chair: Prof. Sri Subramanian

	Name		Title
1	Alexander	Tschantz	A Bayesian Framework for Visual Attention
2	Oliver	Thomas	Neural Styling for Interpretable Fair Representations
3	Sinem	Solak	TBC
4	Montaser	Shaban Kabakibou	Implementing renewable energy technologies to a city
5	Norah	Sarhan	Enhance second language learning environment
6	Zhaohua	Li	TBC
7	Thomas	Kehrenberg	Fairness in Gaussian Process Models
8	Hanying	Jiang	Control and Measurement of an Oil-free Linear Compressor
9	Jonathan	Highgate	Experimental and Numerical Investigation of Centrifugal Water Pumps focusing on turbulent flow at the eye of the impeller and in the volute
10	Daniel	Hajas	TBC

**10:15-10:45 | Refreshment Break + Session 2: PhD & PGT Poster Session (Part 1) | Future Technologies Lab**

Chair: Prof. David Weir

**10:45-11:45 | Session 3: Engineering and Informatics 1st Year PhD Student Presentations | Chichester LT**

*(5 minutes each + 1 minute for questions and handover)*

Chair: Dr. Martin White

	Name		Title
11	Hamid	Enayatollahi	Simulation of waste heat recovery system in heavy duty trucks
12	Colin	Bodie	TBC
13	Luis	Berna Moya	TBC
14	Munirah	Alwhibi	TBC
15	Abrar	Almjally	Investigating the use of TUIs and GUIs for 6 to 7 year old's programming learning.
16	Manal	Alkhamash	Internet of Things in a Smart University
17	Noorah	Albehaijan	Measuring Programming Comprehension by Assessing Learners' Cognitive Chunk Structures
18	Sunday	Alabi	Authentication methods of E-Commerce in Developing Countries Using Contactless Palm Vein Technique.
19	Bayan	Alabdullah	Privacy Preserving in Unstructured Big Data through Anonymity
20	Naif	Al Mudawi	An Investigation of Factors Affecting the Adoption of Cloud Computing for E-government Implementation.

**11:45 - 13:15 | Session 4: PhD & PGT Poster Session (Part 2) | Future Technologies Lab**

Chair: Prof. David Weir

**12:30: Buffet Lunch | Chichester LT Foyer**

**13:00: PGT Poster Prize Presentation | Future Technologies Lab**

Chair: Dr. Kate Howland

**13:15-15:15 | Session 5****13:15-15:15 | Session 5A: Engineering 3<sup>rd</sup> and 4th Year PhD Student Presentations | Future Technologies Lab**

*(Up to 12 minutes each + 3 minutes for questions and handover)*

Chair: Prof. Martin Rose

	Name		Title
21	Linjie	Wang	Customized Design of Total Knee Replacement and Its Dynamic Analysis Based on Oxford Rig.
22	Jisjoe	Thalackottore Jose	The Prediction Of Spray Evaporative Heat Transfer On Vibrating Surfaces For IC Engine Cooling.
23	Yeru	Shang	The effect of Sub-grid Scale models on the Large Eddy Simulation of a realistic corrugated channel flow.
24	Rahul	Rajasekharan-Nair	Analysis of deformation of bladed disks with random crystal anisotropy orientation and root geometry variations.
25	Daniel	Payne	Experimental Investigation of Hot Gas Ingestion in a Single Stage Axial Turbine Test Rig.
26	Andreas	Pressas	Q-Learning and Cooperative Mechanisms for Reliable and Fair Channel Access Control in Vehicular Networks.

**13:15-15:15 | Session 5B: Informatics 3<sup>rd</sup> and 4th Year PhD Student Presentations | Chichester LT**

*(Up to 12 minutes each + 3 minutes for questions and handover)*

Chair: Prof. Andy Philippides

	Name		Title
27	Anthony	Trory	Designing for concreteness fading in primary computing
28	Marta	Suárez-Pinilla	Serial dependence in perception: association with decision-making, metacognition and awareness.
29	Philipp	Streicher	Photic Driving of Neural Oscillations
30	Dario	Pittera	Embodiment mediated by mid-air haptics
31	Alexander	Jeffery	Sessions + Implicits
32	Steve	Huckle	Collaborating Through Blockchains

**15:15-15:30 | Break | Chichester LT Foyer**

Chair: Prof. David Weir

**15:30-17:15 | Session 6****15:30-17:15 | Session 6A: Engineering 3<sup>rd</sup> and 4th Year PhD Student Presentations | Future Technologies Lab***(Up to 12 minutes each + 3 minutes for questions and handover)*

Chair: Dr. Daniel Roggen

	Name		Title
33	Thomas	Irps	On the interaction between wake impingement and separated flow transition on compressor blades.
34	Xing	Gao	The improvement on the neural network-based tracking methods.
35	Seyed	Fazeli	TBC
36	Ethelbert	Eze	Wind Farm power output estimation using improved long-short-term-memory recurrent neural networks
37	Junlong	Duan	Electromagnetic Coupling Optimization by Coil Design Improvements for Contactless Power Transfer of Electric Vehicles.
38	HuaJun	Li	Large-Eddy Simulation of Separated Boundary Layer Transition under Elevated Free-stream Turbulence and Pressure Gradient.

**15:30-17:15 | Session 6B: Informatics 3<sup>rd</sup> and 4th Year PhD Student Presentations | Chichester LT***(Up to 12 minutes each + 3 minutes for questions and handover)*

Chair: Dr. Julie Weeds (Prof. David Weir)

	Name		Title
39	Dmitrijs	Dmitrenko	Olfactory Interaction in Automotive Context
40	Mohd Adili	Bin Norasikin	Manipulation Techniques for Novel Displays
41	Mohammed	Alasmar	Polyraptor: Embracing Path and Data Redundancy in Data Centres
42	Walla	Al-Eidarous	Opportunistic routing in extremely dense networks
43	William	Frier	Using Spatiotemporal Modulation to Draw Tactile Patterns in Mid-air

**17:15 - Onwards | Social and Refreshments | Chichester LT Foyer + Future Technologies Lab**

Chair: Prof. David Weir

**17:30: Best PhD Poster Prize Presentation | Future Technologies Lab**

Prof. Ian Wakeman (Acting Head of School)