

# Programme of Events

Time	Lecture Theatre 1	Lecture Theatre 4	Lecture Theatre 5	Lecture Theatre 7	Machines Lab	Electronics Lab	Cleanroom
11:30-12:00	Welcome from Head of Department (Professor Geraint Jewell)						
12:00-13:30	Lunch/Networking/View Exhibition						
13:30-14:00	A Hundred Years of Highlights: The EEE Centenary History (Phil Back)	Let There Be Light: How Materials and Electronics Combine for the Future of Lighting (Dr Rick Smith and Dr Jonathan Davidson)	Avalanche Photodiodes: Sensing Light Human Eyes Can't See (Professor Jo Shien Ng and Professor John David)	Computational Imaging: How Solving Sudoku Puzzles is Helping us Build the Ultimate Microscope (Dr Andy Maiden)	First Year Lab Demonstration (Dr Chris Gould)	A Trip Back in Time to Labs of Yesteryear (Professor Richard Tozer)	
14:00-14:30			Knitted Antennae (Professor Alan Tennant)	Willenhall: Europe's Largest Lithium Titanate Battery (Professor Martin Foster)			
14:30-15:00	Electrical Machines and Drives: The Evolution Continues (Professor Zi-Qiang Zhu)	Transmission Electron Microscopy of Thin Layers for Infrared Lasers (Dr Thomas Walther)	Frequency Agile Radio - The Future of Wireless Communications (Professor Tim O'Farrell)	A Half Century Involvement in Semiconductor Devices and Materials (Professor Peter Houston)		Fabricating and testing Schottky diodes, and demonstrations of LEDs, solar cells and transistors (Dr Gavin Williams)	
15:00-15:30					First Year Lab Demonstration (Dr Chris Gould)		
15:30-16:00	A Hundred Years of Highlights: The EEE Centenary History (Phil Back)	Let There Be Light: How Materials and Electronics Combine for the Future of Lighting (Dr Rick Smith and Dr Jonathan Davidson)	Frequency Agile Radio - The Future of Wireless Communications (Professor Tim O'Farrell)	Computational Imaging: How Solving Sudoku Puzzles is Helping us Build the Ultimate Microscope (Dr Andy Maiden)		A Trip Back in Time to Labs of Yesteryear (Professor Richard Tozer)	
16:00-16:30		Transmission Electron Microscopy of Thin Layers for Infrared Lasers (Dr Thomas Walther)	Knitted Antennae (Professor Alan Tennant)	A Half Century Involvement in Semiconductor Devices and Materials (Professor Peter Houston)			
16:30-17:00	Electrical Machines and Drives: The Evolution Continues (Professor Zi-Qiang Zhu)		Avalanche Photodiodes: Sensing Light Human Eyes Can't See (Professor Jo Shien Ng and Professor John David)	Willenhall: Europe's Largest Lithium Titanate Battery (Professor Martin Foster)			Fabricating and testing Schottky diodes, and demonstrations of LEDs, solar cells and transistors (Dr Gavin Williams)

**Tours of the Diamond will run every 15 minutes, please book your place at the reception desk  
Please let the Registration Desk know which events you would like to attend**