

Photonics Day 2014

Agenda

19 September 2014 09.30am-4.30pm, Avenue Campus

Time	Title	Speaker
09:30-10:00	Registration and refreshments, Lecture Theatre A	
10:00-12:00	Session 1, Lecture Theatre A (Chair: Anna Peacock, ORC)	
10:00-10:10	Welcome	
10:10-10:40	The International Year of Light 2015	John Dudley, EPS President
10:40-11:05	Engineering of qubit systems in silicon carbide	Alberto Politi, P&A
11:05-11:30	Making molecules 'collectively' dance for chemically selective imaging	Sumeet Mahajan, Chemistry & IfLS
11:30-12:00	Student flash talks	
12:00-13:00	Lunch & poster session, Café and North/South Wings	
13:00-14:35	Session 2, Lecture Theatre A (Chair: Otto Muskens, P&A)	
13:00-13:20	Optical amplifiers in emerging communication networks	Francesca Parmigiani, ORC
13:20-13:35	Fourier synthesis of optical waveforms	David Wu, ORC
13:35-13:55	Multiple lateral photo-Dember terahertz emitters	Vasilis Apostolopoulos, P&A
13:55-14:10	Mapping the flow of light in a photonic chip using ultrafast photomodulation spectroscopy	Roman Bruck, P&A
14:10-14:35	Development of high energy and high intensity laser techniques for the study of chemical structure and dynamics	Russell Minns, Chemistry
14:35-15:05	Afternoon tea, Café and North/South Wings Additional poster viewing time	

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Time	Title	Speaker
15:05-16:25	Session 3, Lecture Theatre A (Chair: Goran Mashanovich, ORC/ECS)	
15:05-15:30	Germanium for future photonics systems	Frederic Gardes, ECS
15:30-15:45	Silicon photonics integration: a story of money and power	Ke Li, ECS
15:45-16:10	Metamaterials and liquid crystals unite to make photonics a better technology	Vassili Fedotov, ORC
16:10-16:25	Pushing the limits of nanofabrication for plasmonics	Yudong Wang, ECS
16:25-16:30	Announcement of poster prize winners	