## Solid State Quantum Photonics, Sheffield 2016

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Workshop schedule					
	WELCOME				
9:00 - 9:55	Registration, coffee, posters & exhibition				
9:55 – 10:00	Opening remarks				
	SESSION 1				
10:00 – 10:30	David Gershoni	Quantum dots – deterministic sources for long			
	(Technion, Haifa)	strings of entangled photons and photonic			
		cluster states			
10:30 - 10:45	Rob Stockill	Intrinsic limit to electron spin coherence in			
	(Univ. of Cambridge)	InGaAs quantum dots featuring strain-induced			
		nuclear dispersion			
10:45 – 11:00	Tim Kaldewey	Deterministic creation of a biexciton in a self-			
	(Univ. of Basel)	assembled quantum dot			
11:00 – 11:15	Ahsan Nazir	Quantum correlations of light and matter through			
	(Univ. of Manchester)	environmental transitions			
11:15 – 11:30	<b>Christian Schneider</b>	Bright, indistinguishable resonance fluorescence			
	(Univ. of Wuerzburg)	photons from a deterministically aligned			
	·	quantum dot- micropillar cavity			
11:30 – 11:45	Alex Clark	Organic dye molecules for quantum photonic			
	(Imperial, London)	applications			
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	LUNCH BREAK				
11:45 – 14:05	Posters, exhibition & discussions. Lunch will be served from 12:30				
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	SESSION 2				
14:05 – 14:35		Polarization Engineering in Photonic Crystal			
14.00		Waveguides for Spin-Photon Entanglers			
14:35 – 14:50		Chirality in Nanophotonic Waveguides with			
14.00		Embedded Quantum Emitters			
14:50 – 15:05	(	Cascaded Single Photon Sources			
14.00	(Univ. of Madrid)	ouseduca omgie i noton coareco			
15:05 – 15:20	, ,	Development of InAs/AIAsSb/InP self-assembled			
10100 10120	•	quantum dots for intermediate-band solar cells			
	Systems Institute)	quantum doto for intermediate band colar cone			
15:20 - 15:40	COFFEE BREAK				
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	SESSION 3				
15:40 – 16:10	Marek Potemski	Optics of 2D materials			
10110	(CNRS, Grenoble)	Chita c. 22 materiale			
16:10 – 16:25	Brian Gerardot	Resonant laser spectroscopy of localized			
10.10 - 10.25	(Heriot Watt, Edinburg	• • •			
16:25 – 16:40	Carmen Berraquero	Atomically-thin quantum light emitting diodes			
10.20 10.40	(Univ. of Cambridge)	Atomicany timi quantum ngnt ciniting diodes			
16:40 – 16:55	Philip Dolan	Room temperature spectral enhancement of a			
10.40 10.00	(Univ. of Oxford)	single NV centre by controllable coupling to			
	(Only, or Oxiora)	multiple open access microcavities			
16:55 – 17:10	James Lee	Cavity enhanced resonant excitation of a			
10.00	(Toshiba Cambridge)	quantum dot			
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	CLOSING				
17:10 – 17:15	Closing remarks				
.7.10	J.Joining Formating				

## Poster presentations (list ordered by surname)

Andmada-Lazo Ruben Manchester Departed to ambient conditions.  Androvitsaneas Petros Bristol A charged quantum dot micropillar system for deterministic light matter interactions  Cao Yameng Lancaster Quantum Dots micropillar system for deterministic light matter interactions  Chekhovich Evgeny Sheffield Barbored by Few-second-long correlation times in a quantum dot nuclear spin bath probled by frequency-comb MRS spectroscopy  Christopher Woodhead Lancaster High resolution photoluminescence from two dimensional materials Halide Treated PDS/GGS core/shell Colloidal Quantum Dots studied with Synchrotron Radiation and laboratory source excited X-ray Photoelectron Spectroscopy  Flexibly-triggered resonance fluorescence from a semiconductor quantum dot within nanofibre waveguides  Marchester Heriot Watt Quantum dot within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dots within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dots within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dots within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dots within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dots within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dots within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dots within nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transfer Printing of Single quantum dot swithin nanofibre waveguides  Narrow-band green photoconductivity from defect in 2nO nanoparticles  Transf	Corresponding author	Affiliation	Contribution title
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Cao Yameng			A charged quantum dot micropillar system for deterministic light
Chekhovich Evgeny   Sheffield   Few-second-long correlation times in a quantum dot nuclear spin bath probed by frequency-comb NMR spectroscopy   High resolution photoluminescence from two dimensional materials   Halide Treated PbS/CdS core/shell Colloidal Quantum Dots studied with Synchrotron Radiation and laboratory source excited X-ray expendition of the X-ray of X-ra	Androvitsaneas Petros	Bristol	matter interactions
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Skrypka Oleksandr Sheffield heterostructures			Indirect excitons in monolayer transition metal dichalcogenide
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		Ultrafast Charge Dynamics in Trap-Free and Surface-Trapping
Smith Charles	Manchester	Colloidal Quantum Dots
Stanley Megan	Cambridge	Quantum correlations between two distant electron spins
		Vanishing electron g-factor and long lived nuclear spin polarization in
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		Generation of linearly polarised photons at 160K and high
		temperature characteristics from single non-polar (11-20) InGaN
Wang Tong	Oxford	quantum dots in nanopillars
		Electrically driven nanophotonic circuits: Electroluminescence from
Wilson Luke	Sheffield	waveguide-coupled single quantum dots