

Quantum Dot Day 2013

10th January 2013

VENUE: Room B1, School of Physics & Astronomy, University of Nottingham

Background and Scope

QD Day 2013 is a one-day workshop on all aspects of semiconductor quantum dot research in the UK. This will be the latest in a series of highly successful workshops previously held at Cambridge, Imperial College, Nottingham, Qinetiq, Sheffield, and University College London.

One of the principle goals of this meeting is to focus on the newest developments in the physics, materials science and device applications of quantum dots and to bring together groups working in this field. Past meetings have stimulated many new contacts and collaborations.

Invited Speakers: In addition to the contributed talks selected from the submitted abstracts, the following distinguished scientists have accepted invitations to speak:

Val Zwiller (Delft University) “Quantum Optics with Nanowires”

Marco Abbarchi (CNRS) “Droplet epitaxial nanostructures: from self-assembling to single photon sources on silicon”

Huiyun Liu (UCL) “InAs/GaAs quantum-dot materials and devices monolithically grown on Si substrate”

Evgeny Chekhovich (Sheffield University) “Hole hyperfine interaction: valence band orbital composition and its effect on hole spin qubit dephasing.”

Abstracts:

Researchers are invited to submit their abstract by email to: mohamed.henini@nottingham.ac.uk

Abstracts should be prepared according to the following guidelines:

- Maximum length: one page including title, authors and affiliation, and corresponding/presenting author details
- Format: Microsoft Word or PDF
- State your preference: oral or poster presentation.

Important Dates: Submission deadline: **7 December 2012**; Authors notification: **14 December 2012**.

Registration Fee: There is a nominal meeting fee: £35.00 (to cover lunch and refreshments)

I enclose a cheque for £_____ made payable to: **The University of Nottingham**

Name:

Address:

Email:

Please return this form before 7 December 2012 with your cheque to:

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Further information

- Directions: www.nottingham.ac.uk/about/visitorinformation/mapsanddirections/mapsanddirections.aspx
- Visitor Car Parking: www.nottingham.ac.uk/about/visitorinformation/carparking.aspx