



The Solar Energy Society
and
PV-Net UK



www.pvsat.org.uk
www.uk-ises.org

8th Photovoltaic Science, Applications and Technology
Conference C94

PVSAT-8

Northumbria University
Newcastle upon Tyne, England

Monday 2nd – Wednesday 4th April 2012

Call for Papers and Registration Form

Sponsored and supported by





8th Photovoltaic Science, Applications and Technology Conference PVSAT-8

Northumbria University, Newcastle upon Tyne, 2-4 April 2012

A Word from the Chairs

The PVSAT series of conferences is now well established as the premium event for the presentation of leading research in photovoltaics in the UK. The UK is privileged in having a strong R&D community active in most of the major PV fields of devices and applications. PVSAT-8 will be held at Northumbria University in Newcastle upon Tyne. The Northumbria Photovoltaics Applications Centre at the University was established over 25 years ago and has a wide ranging research activity including thin film inorganic cells based on the chalcopyrite family, investigation of novel PV materials, cell and material characterisation, PV system design and performance and environmental impact assessment of PV manufacturing processes. The first PV facade in the UK was installed on one of the University buildings on the city centre campus in 1994 and, of course, is still providing electricity today.

PVSAT-8 will provide the opportunity to hear about the latest advances in PV, enjoy the exhibition of the UK PV industry and supporting services to the PV community and interact with colleagues across all PV sectors in the UK. The conference is organised by the UK section of the International Solar Energy Society in partnership with EPSRC's PV-Net. The conference will again be held over three days to allow the inclusion of the wide range of papers and posters reflecting this fast moving field of research and development.

The Northumbria University campus is in the city centre of Newcastle upon Tyne, only a few minutes walk from the main shopping and entertainment areas. Newcastle has excellent transport links, with an international airport and its Central Station being on the main East Coast line from London to Scotland. Accommodation is available at a range of hotels in the city centre and, although Newcastle has an excellent public transport system including the Metro system, the campus is within walking distance of most options. Northumbria University provides an excellent location to continue the success of the annual PVSAT conference series and we look forward to welcoming you to Newcastle in April.

Tim Bruton, Conference Chair; Nicola Pearsall, Local Organiser;
Alex Cole, Programme Chair; Ralph Gottschalg, Conference Secretary

Themes

1. Crystalline Silicon photovoltaics
2. Thin film inorganic photovoltaics
3. Organic, high efficiency and novel photovoltaic devices
4. Concentrator components, devices, modules and systems
5. Manufacturing processes and characterisation
6. Photovoltaic systems including system modelling, design and components
7. Performance measurements and field experience
8. Policy issues, including economics, market development and environment

Abstract Preparation

Abstracts are invited for oral and poster presentation. All papers will be published in the conference proceedings. Papers will be subjected to a stringent review process and will only be accepted based on their merits.

The abstract should be prepared in English, single-spaced, using Times New Roman 10 pt font with margins of 2.5 cm and using Microsoft Word. The abstract must not exceed 1 page A4 and should be sent by email to info@uk-ises.org. The message should have a subject starting with 'PVSAT-8 Abstract Submission'; the file should be named with the surname of the first author (and a running number if more than one paper is submitted, e.g. Surname1). The abstract should include: applicable subject area, full title, names and affiliations of the authors including full contact details of the author for correspondence, purpose of the work, scientific approach, relevance, summary of the results and conclusions and indicate preference for poster or oral presentation.

Conference Outline

Monday 2 April 10.00 Registration opens; 11.00 Conference opens.; 18.00 Welcome Reception and Dinner.,

Tuesday 3 April 09.00 Full Conference day; 19.00 Drinks Reception followed by Conference Awards Dinner, The Assembly Rooms, Newcastle.

Wednesday 4 April 09.00 Conference continues; 13.00 Conference closes. 14.00 NaREC Technical Tour.

Key Dates: Abstract submission: Monday 19th December 2011; Author notification: Tuesday 3rd February 2012; Full paper submission: Friday 9th March 2012; Early Bird Registration deadline: Friday 9th March 2012.

Registration: Full details of Conference Registration overleaf.

Accommodation: On-campus accommodation is not available. Delegates may make hotel arrangements through the NewcastleGateshead Convention Bureau. Full details posted at www.pvsat.org.uk.

PVSAT-8 DELEGATE REGISTRATION FORM

Solar Energy Society Conference C94, Northumbria University, Newcastle upon Tyne, England, 2-4 April 2012

Please complete and detach the registration form and return to the Society's Secretariat together with your payment at the address below.

Early bird registration deadline: Friday 9 March 2012.

Your place will be confirmed in writing and venue details sent. Full Conference Rate includes all refreshments, lunches, Welcome Reception, Conference Awards Dinner 3rd April. One-Day Rates do not include Conference Awards Dinner - tickets may be purchased at £65.00 each. All registration categories include a copy of the Conference Proceedings C94. Non-member registration includes standard Society national membership until end 2012. All prices inclusive of VAT.

Full Name:		
Organisation:		
Address:		
Tel and Fax No:		E-mail:
<u>CIRCLE FEES AS APPROPRIATE</u>		
FULL CONFERENCE RATE		
Registration Category	Early registration (On or before 9 March 2012)	Registration (9 March 2012 onwards)
UK-ISES/ PV-NET / IOP Members	£275.00	£325.00
UK-ISES / PV-NET / IOP Student or Retired Members	£210.00	£260.00
Non UK-ISES/ PV-NET / IOP Members	£325.00	£375.00
Non UK-ISES / PV-NET / IOP Student or Retired Members	£230.00	£280.00
ONE DAY RATE		
UK-ISES/ PV-NET / IOP Members	£150.00	£175.00
UK-ISES / PV-NET / IOP Student or Retired Members	£100.00	£125.00
Non UK-ISES/ PV-NET / IOP Members	£175.00	£200.00
Non UK-ISES / PV-NET / IOP Student or Retired Members	£110.00	£140.00
One-Day Rate Conference Dinner	£65.00	£65.00

Method of Payment of Registration Fee

N.B. For Payment by Credit Card an Additional Charge of £10.00 will be made.

1. Credit Card (Visa, MasterCard)	<i>Number</i>	<i>Expiry Date</i>
	<i>Name on card</i>	
	<i>Card Billing Address Postcode</i>	<i>3 Digit Security Code</i>
Card Type	Credit Card	Debit Card
(Circle as appropriate)		
3. Cheque, payable to 'The Solar Energy Society'		
4. Payment against Invoice	Yes/No	Invoice Address if different from above

Signature: _____ **Date:** _____

The Solar Energy Society, PO Box 489, Abingdon OX14 4WY, UK, Tel +44 (0)7760 163559, Fax +44 (0)1235 848684, Email: info@uk-ises.org; www.uk-ises.org; www.pvsat.org.uk VAT No. 242 0632 04



8th Photovoltaic Science, Applications and Technology Conference **PVSAT-8**

2-4 April 2012

**Northumbria University
Newcastle upon Tyne, England**

Sponsored and supported by



SHARP

Sharp Laboratories of Europe

IOP | Institute of Physics
**Materials and
Characterisation Group**



Silicon CPV_{plc}



www.uk-ises.org www.pvsat.org.uk