



The Solar Energy Society

[www.pvsat.org.uk](http://www.pvsat.org.uk)

[www.uk-ises.org](http://www.uk-ises.org)

16th Photovoltaic Science, Applications and Technology Conference

# PVSAT-16

United Kingdom National Section of the International Solar Energy Society (UK-ISES) Conference C102

**University of Salford**

Chapman Building, The Crescent, Salford, M5 4WT, UK

Wednesday 15th – Friday 17th April 2020

## Call for Papers and Registration Form

**Abstract submission deadline: Friday 20th December 2019**

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**Energy Materials Group**

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# 16<sup>th</sup> Photovoltaic Science, Applications and Technology Conference

## PVSAT-16

### University of Salford

Chapman Building, The Crescent, Salford, M5 4WT, UK

#### A Word from the Chair

As PVSAT Conference Chair, it is my great pleasure to invite you to participate in the PVSAT-16 Conference and Exhibition to be held at the University of Salford, Manchester, 15-17 April 2020. The organising committee appreciate the feedback we received from our successful PVSAT-14 and PVSAT-15 events at Imperial College London and the University of Warwick which we are using to ensure that Salford will be equally successful and meet everyone's requirements.

Salford University has a long history of applied science and technology research dating back to the 19th century thriving textile industry, and for its close collaboration with industry. Its alumni include the artist L.S. Lowry, whose work is displayed at The Lowry Art Gallery where the conference dinner will take place. From the nearby former home of prominent physicist James Prescott Joule to the modern day 'Energy house', which is the only fully climate-controlled research facility in the world, the energy theme has long been present. Salford was also active in the development of CuInSe<sub>2</sub> based PV cells through to current research on photovoltaics, quantum memory devices and hydrogen storage.

We are working on a great line-up of guest speakers. However, **it is our contributory speakers and poster presenters that are central to the success of our event** and our Call for Abstracts is now open so please ensure your contributions are submitted before the deadline of Friday 20 December 2019. We will notify all corresponding authors by Monday 3 February 2020.

10 Postgraduate Student Bursaries will be made available by the EPSRC SuperSolar Network to be used to meet the cost of the PVSAT-16 student delegate conference registration fee and National Student Membership of the Solar Energy Society for 2020. Individuals can apply by completing the Bursary Application form available at [www.pvsat.org.uk](http://www.pvsat.org.uk) and returning the completed form to the UK-ISES Secretariat by email or by post.

PVSAT is a not-for-profit organisation and sponsors are being sought to keep registration fees as low as possible, particularly for students. If you are interested in being a sponsor, please get in touch. Along with our regular exhibitors we welcome new organisations to participate and display their offer to our delegates. Please check out the details on the PVSAT website and get in touch – we'd love to hear from you.

This is my second year as Conference Chair and I'm pleased to say that last year's conference at the University of Warwick went extremely well and we thank all the organisers, local support as well as the delegates, speakers, presenters exhibitors and sponsors for making it a success. This year's conference at Salford should be just as good and we're currently pulling together an exciting programme including a number of well regarded invited speakers from academia and industry based in the UK and overseas. Keep an eye on the PVSAT website for some exciting announcements.

**Alex Cole, PVSAT-16 Conference Chair**



## PVSAT-16 Conference Themes

1. Crystalline silicon photovoltaics
2. Inorganic thin film photovoltaics
3. Perovskite photovoltaics
4. Tandem, multijunction and concentrator photovoltaics
5. Other excitonic and novel photovoltaics and new horizons in photovoltaics
6. Manufacturing processes and characterisation
7. Photovoltaic systems, components and grid integration
8. Performance measurements and field experience
9. Policy and environment issues, including economics, market development and life cycle analysis
10. Photodetectors

## Call for Papers, Abstract Preparation and Submission

### Abstract Preparation and Submission

Abstracts are invited for both oral and poster presentations. Abstracts will be subjected to a stringent review process and will only be accepted based on their merits.

The abstract must not exceed 1 page A4 and should be sent by email as a file attachment to The Solar Energy Society (UK-ISES) Secretariat at [info@uk-ises.org](mailto:info@uk-ises.org).

**The deadline for submission of the 1 page Abstract to the Secretariat is Friday 20 December 2019.**

Abstracts should include the author for correspondence, the selected conference theme and indicate the preference for poster or oral presentation. The abstract should clearly identify the paper title, names and affiliations of all authors, purpose of the work, scientific approach, relevance, summary of the results and conclusions.

### Full Paper Submission

This year the PVSAT Organising Committee has decided to give as much flexibility as possible to authors in the preparation of conference papers. There will be four options available for delegates presenting at the conference:

- Submission of a full 4 page manuscript
- Submission of an extended 1-2 page abstract
- Submission of a digital copy of the oral presentation delivered
- Submission of a digital copy of the poster presentation delivered

Full paper manuscripts and extended abstracts will be published in the conference proceedings.

Awards will be made for the best poster presentations and the best full papers submitted.

### Conference Outline

- Wednesday 15 April 2020
  - 10.00 Registration opens; 11.00 Conference opens; 18.30 Welcome Reception.
- Thursday 16 April 2020
  - 09.00 Full Conference day; 19.00 Conference Awards Dinner, The Lowry Art Gallery, Manchester.
- Friday 17 April 2020
  - 09.00 Conference continues; 13.00 Conference closes.

### Key Dates

- Abstract submission: Friday 20<sup>th</sup> December 2019
- Author notification: Monday 3<sup>rd</sup> February 2020
- Full paper submission: Wednesday 18<sup>th</sup> March 2020
- Early Bird Registration deadline: Wednesday 18<sup>th</sup> March 2020

### Registration

Full details of Conference Registration and prices are given overleaf.

### Accommodation

On-campus accommodation will not be available. Hotel accommodation options will be made available at the conference website [www.pvsat.org.uk](http://www.pvsat.org.uk)



## PVSAT-16 DELEGATE REGISTRATION FORM

UK-ISES Conference C102, University of Salford, Chapman Building, The Crescent, Salford, M5 4WT, 15-17 April 2020

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: Wednesday 18 March 2020

Full Conference Rate includes all refreshments, lunches, Welcome Reception, Conference Awards Dinner 16<sup>th</sup> April. One-Day Rates do not include Conference Awards Dinner - tickets may be purchased at £75.00 each. All registration categories include a copy of the Conference Proceedings C102. Non-member registration includes standard Society national membership until end 2020. All prices inclusive of VAT. Accommodation not included.

|                 |  |         |
|-----------------|--|---------|
| Full Name:      |  |         |
| Organisation:   |  |         |
| Address:        |  |         |
| Tel and Fax No: |  | E-mail: |

### CIRCLE FEES AS APPROPRIATE

#### FULL CONFERENCE RATE

| Registration Category                                 | Early registration<br>(on/before 18 March 2020) | Registration<br>(from 18 March 2020) |
|---|---|--------------------------------------|
| UK-ISES/ IOP/ RSC / IOM3 Members                      | £375.00   | £440.00                              |
| UK-ISES / IOP/ RSC / IOM3 Student or Retired Members  | £300.00   | £365.00                              |
| Non UK-ISES/ IOP/ RSC / IOM3 Members                  | £450.00   | £525.00                              |
| Non UK-ISES/ IOP/ RSC/ IOM3 Student / Retired Members | £330.00   | £395.00                              |

#### ONE DAY RATE

|   |         |         |
|---|---------|---------|
| UK-ISES/ IOP/ RSC / IOM3 Members                      | £230.00 | £275.00 |
| UK-ISES / IOP/ RSC / IOM3 Student or Retired Members  | £170.00 | £215.00 |
| Non UK-ISES/ IOP/ RSC / IOM3 Members                  | £275.00 | £325.00 |
| Non UK-ISES/ IOP/ RSC/ IOM3 Student / Retired Members | £190.00 | £235.00 |
| One-Day Rate Conference Dinner                        | £80.00  | £80.00  |

**Cancellation policy:** The registration fee for attendance as a conference delegate is non-refundable; if a delegate is unable to attend an alternate individual may attend the conference in their place, in agreement with UK-ISES.

### Method of Payment of Registration Fee (please tick the box)

1. Credit Card (Visa, MasterCard)

Please complete this registration form and email or post to UK-ISES (address/email below). We will then call you to process payment or you call 07760 163559 to provide credit card details. Please note that for all registrations we need a completed registration form prior to payment being made.

2. Cheque, payable to 'The Solar Energy Society'

3. Payment against Invoice by BACS Please supply PO Number and Invoice Address if different from above

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

The Solar Energy Society (UK-ISES), PO Box 489, Abingdon OX14 4WY, UK,  
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VAT No. 242 0632 04

Full details of the PVSAT-16 conference, including registration and accommodation, can be obtained from [www.pvsat.org.uk](http://www.pvsat.org.uk) or by contacting The Secretariat, The Solar Energy Society (UK-ISES), PO Box 489, Abingdon OX14 4WY, UK  
Tel: 0044 (0)7760 163559; Email: [info@uk-ises.org](mailto:info@uk-ises.org); [www.uk-ises.org](http://www.uk-ises.org)