

LS16 3rd Announcement

Call for Papers & Special Events Schedule



16th International Symposium on the
Science and Technology of Lighting

University of Sheffield, United Kingdom

June 17th – 22nd, 2018

www.ls16.org | Twitter: [@LS16_2018](https://twitter.com/LS16_2018)

LS16 1st Abstract Submission Deadline: May 8th, 2018

Accepted papers considered for “Landmark” Oral Presentation

LS16 2nd Abstract Submission Deadline: June 4th, 2018

Accepted papers included in LS16 Poster Session

LS16 Discounted Registration Fee Deadline: May 28th, 2018

Pre-LS16 China-UK Workshop on GaN Materials & Devices for Early Career Scientists

Friday & Saturday, June 15th to 16th, 2018

<http://gancentre.group.shef.ac.uk/workshop/>

OSA Color Technical Group & The Colour Group (GB) Joint Session at LS16

“Colour Science & Technology”, Wednesday June 20th, 2018

LS16 Workshop, Friday June 22nd, 2018

“LED Chip to End-User Applications: Performance Metrics in the Development Chain”



Centre for
GaN
Materials and Devices



The
University
Of
Sheffield.

LS16 Schedule (as of April 17th, 2018; updates at <http://www.ls16.org/schedule/>)

Pre-LS16 Satellite Meeting, Friday June 15th and Saturday June 16th

“China-UK Workshop on GaN Materials & Devices for Early Career Scientists”

Details and registration at: <http://gancentre.group.shef.ac.uk/workshop/>

Special Evening Lectures, LS16 Arrival / Registration Day, Sunday June 17th, 2018

Robert Karlicek, RPI, USA “Cognitive Lighting Systems: A Model for the Future of Illumination”

Ian Tutt, Maritime Signals Consultant, UK “A History of Lighthouse Lighting”

Keynote Lectures, LS16 Opening Session, Monday June 18th, 2018

Ling Wu, Secretary General, CSA, China “China’s SSL Development”

Yoichi Kawakami, Kyoto University, Japan “Nitride-based 3D-structures for polychromatic LEDs”

OSA Color Technical Group & The Colour Group (GB) Joint Session, Wednesday June 20th, 2018

“Colour Science & Technology” Invited Lectures and Panel Discussion

N.B. Day-registration available for non-LS16 delegates (see <http://www.ls16.org/registration/>)

Keynote Lectures, LS16 Human Factors Session, Thursday June 21st, 2018

Mariana Figuero, LRC, USA “Circadian Light and Circadian Stimulus: Science to Applications

Arnold Wilkins, University of Essex, UK “Disruptive aspects of colour science and illumination”

LS16 Workshop Day, Friday June 22nd, 2018

“LED Chip to End-User Application: Performance Metrics in the Development Chain”

N.B. Day registration available for non-LS16 registrants (see <http://www.ls16.org/registration/>)

Schedule of LS16 Themed Sessions

Full schedule of core themed sessions for June 18th, 19th, 20th and 21st will be announced shortly.

Themes include already: Novel emitters; VLC-LiFi; UV-LED; OLED; LED life prognostics; drivers, networks & security; phosphors; metrology; horticultural lighting; lighting ecology; and glare.

Confirmed Invited Speakers for LS16 Themed Sessions (Respective titles are at <http://www.ls16.org/invited-speakers/>):

Yukio Akashi, *University of Fukui*, Japan

Annette Allen, *University of Manchester*, UK

Sebastian Babilon, *TU Darmstadt*, Germany

Martin Charlton, *University of Southampton*, UK

Yong-Hoon Cho, *KAIST*, South Korea

Martin Dawson, *University of Strathclyde*, UK

Siebren de Vries, *Chess Wise*, The Netherlands

Xavier Denis, *Nichia*, Japan

Davide Dominoni, *NIOO-KNAW*, The Netherlands

Jiajie Fan, *Hohai University*, China

Mike Faulks, *Ioetec*, UK

Danny Garside, *University College London*, UK

Harald Haas, *University of Edinburgh*, UK

Peter Hanselaer, *KU Leuven*, Belgium

Naoya Hara, *Kansai University*, Japan

Kale Harbick, *Cornell University*, USA

Hideki Hirayama, *Riken*, Japan

Allan Howard, *WSP*, UK

Sir Colin Humphries, *University of Cambridge*, UK

Gareth John, *the LIA*, UK

Takako Kimura-Minoda, *Stanley Electric*, Japan

Katsumi Kishino, *Sophia University*, Japan

Michael Kneissl, *TU Berlin*, Germany

Mitsuhiro Koden, *Yamagata University*, Japan

Hao-Chung Kuo, *National Chiao Tung University*, Taiwan
Frédéric Leloup, *KU Leuven*, Belgium
Douglas McKenzie, *Xanthella*, UK
Youri Meuret, *KU Leuven*, Belgium
Celine Nicole, *Philips Lighting Research*, The Netherlands
Peter Parbrook, *University College Cork*, Ireland
Simon Pearson, *University of Lincoln*, UK
Andras Poppe, *BME*, Hungary
Jose Pozo, *European Photonics Industry Consortium*, EU
Luke Price, *Public Health England*, UK
Cedric Renaud, *Universite Toulouse III Paul Sabatier*, France
Nemanja Rodic, *Valoya*, Finland
Alwyn Seeds, *UCL*, UK
Mark Sheinin, *Technion Israel Institute of Technology*, Israel
Bo Shen, *Peking University*, China
Jack Silver, *Brunel University*, UK
Peter Skabara, *University of Glasgow*, UK
Kelly Smith, *WSP*, UK
Keith Strickland, *Plessey Semiconductors*, UK
Andreas Waag, *TU Braunschweig*, Germany
Rong Zhang, *Xiamen University*, China
Shanduan Zhang, *Fudan University*, China

N.B. All Keynote and Invited Speakers are reminded to register via the website when submitting their papers

Contributed Papers

Abstracts of *Contributed Papers* submitted before May 8th will be considered for oral presentation as *Landmark Papers*. Papers submitted after May 8th and by the 2nd Deadline of June 4th will be considered for Poster Presentation only. The short abstracts of all accepted papers will be included in the Delegate Booklet given at registration. The full abstracts of all accepted papers will be published in the LS16 Proceedings Volume given in USB format at registration and available via Wi-Fi throughout the conference venue.

Abstracts of *Contributed Papers* should be of length 2 or 4 pages, the even number relating to the formatting of printed versions of the papers, for example, as part of printed LS16 Proceedings Volumes.

Authors of accepted papers should each prepare posters for display in the communal refreshment, exhibitors area. Poster discussions are an important element of LS symposia and posters are on display for the full duration of the event. Local printing of posters is available via the LS16 website.

The IEI's *Journal of Science and Technology in Lighting* is committed to publishing an LS16 Special Issue and the editor will attend LS16 to discuss potential submissions with authors.

Abstracts eligible for inclusion in the symposium's proceedings are not limited by but are likely to fall within the following four broad, lighting-related, themes: 1) *Light sources & Systems*; 2) *Human Factors in Lighting*; 3) *Applications and Technologies*; and 4) *Environmental Impacts*. The organisers are happy to consider, and indeed encourage, contributed papers that relate to work in progress.

Registration

Pre-LS16 Satellite Meeting Registration Fee

Details at website: <http://gancentre.group.shef.ac.uk/workshop/>

N.B. Not included in LS16 Registration Fee

LS16 Symposium Registration Fees

Regular delegates:	£450 up to May 28 th ;	£560 after that date
Student delegates:	£250 up to May 28 th ;	£300 after that date
Accompanying persons:	£50 (travel, etc., information will be available for numerous local sites of interest)	
Banquet ticket:	£70 (venue is Cutlers' Hall, Sheffield)	

LS16 Special Joint Session Wednesday June 20th Registration Fee

OSA Color Technical Group and The Colour Group members access special rate using their membership codes

N.B. Free access to LS16 Registered Delegates

LS16 Workshop Friday June 22nd Registration Fee

Fee of £90 includes all refreshments and lunch. N.B. Free access to LS16 Registered Delegates

LS16 Special Events

1. **Pre-LS16 Satellite Meeting:** “China-UK Workshop on GaN Materials & Devices for Early Career Scientists.”

This workshop aims to bring together early career scholars from China and UK to carry out extensive discussion on Growth Technique, Structures and Properties of Materials, Optoelectronic devices in wide bandgap semiconductor materials and other fields. And then, to promote the application for cooperation projects between China Natural Science Foundation (NSFC) and the UK Engineering and Physical Sciences Research Council (EPSRC), the Royal Society Project and other British Exchange Projects.

2. **OSA Color Technical Group & The Colour Group (GB) Joint Session** “Colour Science & Technology”

The goal of this session sponsored jointly by the OSA Color Technical Group and the Colour Group (GB) is to bring together researchers in colour science working on key advancements in understanding colour vision and designing colour, and facilitate interactions at the interface of research and industry. Session chair: Dr Manuel Spitschan, *University of Oxford*; Co-Chair OSA Color Technical Group

3. **LS16 Workshop:** “LED Chip to End-User Application: Performance Metrics in the Development Chain.”

Following their successful introduction at LS14 a workshop will be held at LS16 open to non-LS16 registrants. Speakers will analyse key technology steps between an LED chip and an application, the emphasis being on the management and measurement of performance at each stage: chip; module; thermal management; optics; etc.

LS16 Conference Organising Committees

International Scientific Committee LS Symposia

Chair: Robin Devonshire*, *University of Sheffield*, UK, FAST-LS

Secretary: Georges Zissis*, *Toulouse University*, France, FAST-LS

Treasurer: John Stocks*, *Consultant*, UK, FAST-LS

(*RD, GZ and JS are also the officers of FAST-LS Ltd., sponsor of the LS-Symposia)

Helmar Adler, *OSRAM Sylvania*, USA

Yukio Akashi, *University Fukuoka*, Japan

Erich Arnold, *Heraeus Noblelight*, Germany

Istvan Bakk, *Tridonic*, Austria

Laszlo Balazs, *Óbuda University*, Hungary

Kanji Bando, *Nichia Co*, Japan

Howard, Cooper, *Institut Cellule Souche et Cerveau*, France

Alessio Corazza, *SAES Getters S.p.A*, Italy

Rudy Geens, *Havells-Sylvania Lighting*, Belgium

Peter Hanselaer, *University of Leuven*, Belgium

Masafumi Jinno, *Ehime University*, Japan

Gerrit M. W. Kroesen, *Technical University Eindhoven*, Netherlands

Mu-Qing Liu, *Fudan University*, China

Ruiqing Ma, *UDC*, USA

Jakob Maya, *Next Light LLC*, USA

Matteo Meneghini, *University of Padova*, Italy

Tessa Pocock, *Rensselaer Polytechnic Institute*, USA

Mark S. Rea, *Rensselaer Polytechnic Institute, USA*
Manuel Spitschan, *University of Oxford, UK*
Ching-Chang Sun, *National Central University, Taiwan*
Nikolai Timofeev, *University of St Petersburg, Russia*
Takeo Yasuda, *Toshiba Lighting and Technology Corp., Japan*

LS16 Local Organising Committee

Chair: Tao Wang, *University of Sheffield*
Vice-Chair: Stuart Mucklejohn, *CIE-UK*
Secretary: Rick Smith, *University of Sheffield*
Deputy secretary: Katherine Greenacre, *University of Sheffield*
Co-Treasurers: Peter Raynham, *UCL & John Stocks Consultant*
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Martin Cryan, *University of Bristol*
Phillip Davis, *Stockbridge Technology Centre Ltd.*
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Steve Fotios, *University of Sheffield*
Jess Gallacher, *Institution of Lighting Professionals*
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Poopathy Kathirgamanathan, *Brunel University*
Brendan Keely, *Society of Light and Lighting*
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Sponsoring & Supporting Organisations



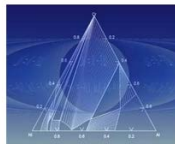
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MATERIALS CHEMISTRY COMMITTEE
The Institute of Materials, Minerals
and Mining



THE COLOUR GROUP (GB)

PERCEPTION • MEASUREMENT • REPRODUCTION • ARTISTIC EXPRESSION

Supporting organisations

Sponsor & Exhibitor Opportunities

Exhibitor and Sponsor opportunities are available for LS16 and are outlined at <http://www.ls16.org/exhibition-and-sponsorship/>. To discuss the opportunities in person contact us at LS16-secretary@sheffield.ac.uk.