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# **Sponsor & Exhibitor Opportunities**

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

# LS16 3<sup>rd</sup> Announcement Call for Papers & Special Events Schedule



16th International Symposium on the Science and Technology of Lighting

University of Sheffield, United Kingdom June 17<sup>th</sup> – 22<sup>nd</sup>, 2018 www.ls16.org | Twitter: @LS16\_2018

LS16 1<sup>st</sup> Abstract Submission Deadline: May 8<sup>th</sup>, 2018 Accepted papers considered for "Landmark" Oral Presentation LS16 2<sup>nd</sup> Abstract Submission Deadline: June 4<sup>th</sup>, 2018 Accepted papers included in LS16 Poster Session LS16 Discounted Registration Fee Deadline: May 28<sup>th</sup>, 2018

Pre-LS16 China-UK Workshop on GaN Materials & Devices for Early Career Scientists Friday & Saturday, June 15<sup>th</sup> to 16<sup>th</sup>, 2018 <u>http://gancentre.group.shef.ac.uk/workshop/</u>

OSA Color Technical Group & The Colour Group (GB) Joint Session at LS16 "Colour Science & Technology", Wednesday June 20<sup>th</sup>, 2018

**LS16 Workshop, Friday June 22<sup>nd</sup>, 2018** "LED Chip to End-User Applications: Performance Metrics in the Development Chain"



# LS16 Schedule

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

Pre-LS16 Satellite Meeting, Friday June 15<sup>th</sup> and Saturday June 16<sup>th</sup> "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 17<sup>th</sup>, 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 3Dstructures for polychromatic LEDs"

#### OSA Color Technical Group & The Colour Group (GB) Joint Session, Wednesday June 20<sup>th</sup>, 2018 "Colour Science & Technology" Invited Lectures and Panel Discussion

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

# Keynote Lectures, LS16 Human Factors Session, Thursday June 21<sup>st</sup>, 2018

- Mariana Figuiero, 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 22<sup>nd</sup>, 2018

- "LED Chip to End-User Application: Performance Metrics in the Development Chain"
- <u>N.B.</u> 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  $18^{th},\,19^{th},\,20^{th}$  and  $21^{st}$  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 <a href="http://www.ls16.org/invited-speakers/">http://www.ls16.org/invited-speakers/</a>):

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, Joetec, 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

 $\underline{\text{N.B.}}$  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 8<sup>th</sup> will be considered for oral presentation as *Landmark Papers*. Papers submitted after May 8<sup>th</sup> and by the 2<sup>nd</sup> Deadline of June 4<sup>th</sup> 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. 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. Further details and templates are available at <u>http://www.ls16.org/submission-of-abstract/</u>.

The IEIJ'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<sup>th</sup>; £560 after that date Student delegates: £250 up to May 28<sup>th</sup>; £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. <u>N.B.</u> Free access to LS16 Registered Delegates

#### LS16 Workshop Friday June 22<sup>nd</sup> Registration Fee

Fee of £90 includes all refreshments and lunch.  $\underline{\text{N.B.}}$  Free access to LS16 Registered Delegates

# **LS16 Special Events**

- 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.