

Template for papers prepared for LS-16, June 17-22, 2018 Sheffield, UK (Times 14, bold, centered, single space)

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ABSTRACT

Each Contributed Paper must include a short abstract (max 6 lines) which describes the subject of, and key findings in, the paper. These short abstracts will be used to make a convenient portable summary booklet of all the conference papers to be included in the delegate pack.

GENERAL

Contributed Papers must be in English and should report original work, completed or in progress, related to the science and technology of lighting. Papers should be formatted according to the template provided (see below) and submitted **after 8th January 2018** via the conference website: <http://www.ls16.org/>

A downloadable template in MS-Word format is available for the preparation of papers prior to their conversion to pdf format and electronic submission. **Only electronically submitted papers in pdf format will be considered for publication.** Submitted papers must be accompanied by a completed copyright transfer form a copy of which is available on the conference website as a download.

The length of submitted Contributed Papers, including figures and references, should be 2 (min) or 4 (max) pages; the even number being requested to make efficient use of space in the printed version of the Proceedings Volume. Invited Papers are subject to maximum limits of 10 pages in length, but, as above, an even total number of pages is requested also.

The deadline for receipt of both Invited Papers and Contributed Papers for guaranteed inclusion in the published conference proceedings, assuming referee approval, is:

May 8th, 2018

All Contributed Papers are reviewed by members of the International Scientific Committee and Local Organizing Committee for their relevance to the conference and their scientific / technical content. Papers may be rejected simply for poor presentation and, therefore, it is important to adhere to the format prescribed in the downloadable template. Authors will be informed within 14 days of the date of submission if their paper is accepted. In order for your paper to be published in the Conference Proceedings, it is necessary that the copyright is transferred to the publisher FAST-LS Ltd. Please, submit a completed copyright form together with the submitted paper. Of course, authors are permitted to submit more than one paper if the necessary criteria are met for each separate paper.

The frequent poster sessions are regarded as a very important element of LS symposia. All authors whose papers are accepted will be allocated a poster space and are expected to prepare a poster according to the instructions available on the conference website.

A small number of Contributed Papers will be identified by the International Scientific Committee as Landmark Papers and the authors will be invited to give a 15 min oral presentation of their work to the conference in a session dedicated to papers on related topics. In addition all papers presented at LS16 will be considered, following any necessary adaptation or development, for publication in one of several associated international scientific journals whose coverage includes topics addressed by papers being presented at LS16 (see Second Announcement and website for details).

FORMAT INFORMATION

Format

Authors are entirely responsible for the formatting of their submitted paper(s); the Conference organizers will not perform editing or re-typing. Contributed papers that do not conform to the recommended format used in the template and described below may be rejected for this reason alone. The paper should be submitted in **A4 page format** (please remember to set your printer preferences to this format when preparing your paper). The pages should **NOT** be numbered as this will be done in the final editing of the Proceedings Volume.

Margins should be set as follows: Top, Bottom: 2.54 cm; Left and Right: 2.54 cm (*If US letter format cannot be avoided, set the Right margin to 2.6 cm*).

Fonts must be:

- Title: Times 14, Bold, centered (style “Title 1”)
- Author(s) names: Times 12, bold, centered (style “Author”)
- Affiliations: Times 10, Italic, centered (style “Institution”)
- Main text or “Normal”: Times 11, justified in left and right
- Figure caption: Times 10, italic (style “Figure”)
- References: Times 11, normal, flush on the left-hand margin (style “Reference”)
- Major headings or “title 2” (Times 11, capital, bold) and sub-headings or “title 3” (Times 11, bold) are placed flush on the left-hand margin on a separate line.

Figures and equations

Papers may include figures with and photographic images, each with suitable captions. The proceedings will be available in full color so authors are free to use color in their figures and images.

The Proceedings will be given to each delegate at registration in electronic form on a USB stick. Please note, however, that papers will also be available in the form of Print-on-Demand Proceedings Volumes by FAST-LS ordered at the conference reception or via the FAST-LS website, in which case figures, figure captions, etc., will be reproduced at only 50% of the size they appear as on an A4 page. Therefore, please ensure that all figures, figure legends, etc., are readable following this size reduction.

Authors should ensure that when completing and submitting the copyright transfer form that it applies to all figures, images, etc., included in their submitted paper.

Equation numbers must be in parenthesis and placed flush with the right-hand margin of the page.

References

List and number all references at the end of the paper. When referring to them in the text, type the corresponding reference number between brackets as shown at the end of this sentence [1]. Example reference entries are shown at the end of this document, in the following format:

Author(s): Each initial given as capital letter and followed by full stop and then a space. If there is more than one author insert “and” before last author’s name

Title: Recommended to include but may be omitted if space needed. Show title followed by full stop all inside inverted commas: “Title.”

Source: For Journals use accepted abbreviations; for other sources provide sufficient information to use in searches. End with a comma

Volume Number: In bold typeface. End with a comma

Page Number: Provide either start page or page range; not necessary to end with comma

Year of Publication: Inside closed brackets, e.g., (2018). End with full-stop.

Reference Format Exemplar taken randomly from LS15 Proceedings Volume

- [6] A. Lenef, J. Avallon, F. Boesl, M. Hannah, D. Kundaliya, M. Kath, J. Kelso, M. Raukas, J. Sorg, D. Sprenger, M. Tchoul, "Global Review of Laser Excited Phosphor Applications: Focus on Automotive Applications," Phosphor Global Summit, Session V: Laser-Excited Phosphors, San Francisco, CA, USA (2015).
- [7] J. Kelso, J. Zink, and A. Lenef, "Optical Property Control in Ceramic Converters for White LED Applications," 220th ECS Meeting & Electrochemical Energy Summit in Boston, Massachusetts, October 9 – 14, Abstract 2664 (2011).
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- [9] A. A. Setlur, A. M. Srivastava, H. A. Comanzo, G. Chandran, H. Aiyer, M. V. Shankar, and S. E. Weaver, "Ce³⁺ Based Phosphors for Blue LED Excitation," Third International Conference on Solid State Lighting, I. T. Ferguson, N. Narendran, S. P. DenBaars, J. C. Carrano, Eds., SPIE Vol 5187 (SPIE, Bellingham, WA 2004).
- [10] A. A. Setlur, A. M. Srivastava, "On the relationship between emission color and Ce³⁺ concentration in garnet phosphors," *Optical Material*, **29**, 1647 (2007).
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- [12] D. S. Hamilton, S. K. Gayen, G. J. Pogatshnik, R. D. Ghen, and W. J. Minisaclo, "Optical absorption and photoionization measurements from excited states of Ce³⁺:Y₃Al₅O₁₂," *Phys. Rev. B*, **39**, 8807 (1989).
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- [15] M. Raukas, S. A. Basun, W. van Schaik, W. M. Yen, and U. Happek, "Luminescence efficiency of cerium doped insulators: The role of electron transfer processes," *Appl. Phys. Lett.* **69**, 22 (1996).
- [16] A. Lenef, J. Kelso, and A. Piquette, "Light extraction from luminescent light sources and application to monolithic ceramic phosphors," *Opt. Lett.*, **39**, 3058 (2014).

NOTE: To facilitate your work, use this downloaded file as a template; copy and paste your text inside and then take advantage of the predefined styles for title, authors, normal text, etc.