

**Call for papers – Invitation to authors**  
**Special Issues in physica status solidi (a/b)**  
**Compound Semiconductors**

***pss (a) – applications and materials science***

Materials preparation/characterization, nanotechnologies, devices, organic electronics, electronics/photronics, integration

***pss (b) – basic solid state physics***

Physics, basic properties, crystal growth, nanostructures, 2D materials, spintronics, novel concepts

Guest Editor: **Prof. Kazuhiko Hirakawa (U Tokyo)**

**Dr. Shinji Matsuo (NTT)**

**Prof. Kazuyuki Uno (Wakayama U)**

Guest co-Editors: **Prof. Masahiro Nomura (U Tokyo)**

**Dr. Koji Takeda (NTT)**

Submission Deadline: **Aug 14, 2016**

Submission at ***pss (a)***: [www.editorialmanager.com/pssa-journal](http://www.editorialmanager.com/pssa-journal)

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Dear CSW 2016 presenters,

Following a long row of successful publications from previous ISCS and CSW meetings since 2005, *physica status solidi (a/b)* is planning to publish **two special issues highlighting the most exciting new results presented** at this year's **Compound Semiconductor Week** (ISCS2016/IPRM2016). Specifically, the papers will be divided between *pss (a) – applications and materials science* and *pss (b) – basic solid state physics*. In collaboration between the Guest Editors and the *pss* Editorial Office we cordially invite you to contribute a **Feature Article** (topical review, for invited speakers) or **Original Paper** manuscript based on or related to your conference presentation. **Note that you are requested to avoid duplication that may arise from the archive in IEEE Xplore.**

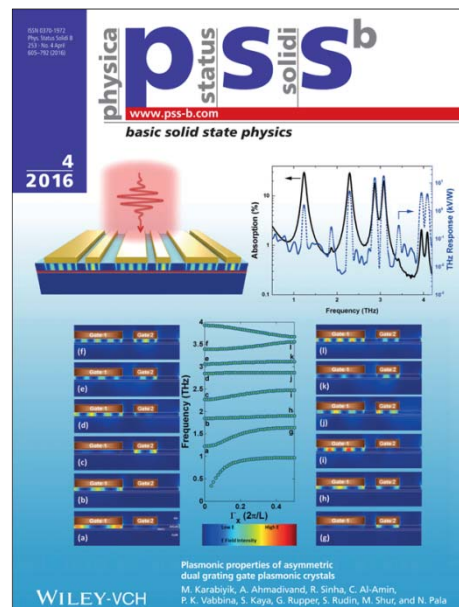
The *physica status solidi* journals are designed to reach a broad audience. It is one of the largest and well-established publication platforms in solid state, applied and device physics as well as materials science with more than 1500 articles per year – now over 50 years in business – and is widely accessible as part of many institutional site licenses, evidenced by many hundreds of thousands of article downloads annually.

All submitted manuscripts will undergo **peer review**. According to the editorial policy of *pss*, two positive recommendations by independent reviewers are a prerequisite of acceptance. Peer review and publication occur rapidly on individual manuscript basis. Published in Wiley Online Library **Early View** few weeks after acceptance, your article is citable immediately; hence there is **no waiting for the remainder of the contributions**. When all articles are complete, the topical section will be assembled in two regular monthly issues of *pss (a)* and *(b)*. The clustering of related articles raises the visibility of these articles significantly, and we are confident that this will become a quality publication reflected by high article access and citation numbers.

Please refer to the author instructions available on our homepage [www.pss-journals.com](http://www.pss-journals.com) → **Author Guidelines** (including optional Word template and LaTeX style files and the link to **online submission** to *pss (a)* or *pss (b)* through Editorial Manager - please **mention** the submission to the **CSW2016** special issues in your cover letter and select the appropriate section/category **CSW2016 - Compound Semiconductors** to expedite handling). Please direct your submission to ***pss (a)* or *(b)*** based on the keyword list provided at the top of this page. If in doubt where to submit, please contact the Editorial Office with your program section, paper title and abstract.

We look forward to receiving your contributions!

Kazuhiko Hirakawa, Shinji Matsuo, Kazuyuki Uno, Masahiro Nomura, Koji Takeda, and Stefan Hildebrandt



Guest Editor: Kaz Hirakawa  
pss Editorial Office:

[hirakawa@iis.u-tokyo.ac.jp](mailto:hirakawa@iis.u-tokyo.ac.jp)  
[pss@wiley-vch.de](mailto:pss@wiley-vch.de)

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**Feature Articles** should provide an overview of a current topic in the format of a topical review of about 10–12 (max. 15) journal pages. Due to this length restriction, a complete bibliographic overview on the existing literature cannot be expected, but referencing should be well-balanced. The manuscript should represent a snapshot of most recent progress, the state of research and particularly relevant aspects, with focus on the highlights and possibly open or controversially discussed questions. They are intended to inform an audience not immediately familiar with the specific topic. Original, previously unpublished results may also be included to a certain extent.

**Original Papers** expose original and previously unpublished work of general interest to the community. Manuscripts do not have a strict length limit (typical lengths vary from 6 to 10 journal pages). Articles must fulfil the standards and requirements of the journal. Acceptance of a contribution for presentation at the conference does not automatically include publication in the topical section. Main criteria for consideration by pss (a/b) are:

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- The general quality of the manuscript and the amount of information provided is appropriate for an international journal. Serial or incremental, pure self-referential and lab-report-style work is discouraged.
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**Topical sections:** Compound Semiconductors (**CSW 2015**), eds. T. Palacios, E. Matioli, R. Myers, S. Rajan, and H. Wang, Phys. Status Solidi A **213**(4), B **253**(4) (April 2016) (DOI [10.1002/pssa.v213.4](https://doi.org/10.1002/pssa.v213.4), [10.1002/pssb.v253.4](https://doi.org/10.1002/pssb.v253.4))

Including **Feature Article:**

Toward reliable MIS- and MOS-gate structures for GaN lateral power devices, K. J. Chen, S. Yang, S. H. Liu, C. Liu, and M. Y. Hua, Phys. Status Solidi A **213**, 861 (2015) (DOI [10.1002/pssa.201532873](https://doi.org/10.1002/pssa.201532873))

**Review Article (free-to-read):** The efficiency challenge of nitride light-emitting diodes for lighting, C. Weisbuch, M. Piccardo, L. Martinelli, J. Iveland, J. Peretti, and J. S. Speck, Phys. Status Solidi A **212**, 899 (2015) (DOI [10.1002/pssa.201431868](https://doi.org/10.1002/pssa.201431868))

Enhanced radiation hardness of InAs/InP quantum wires, N. A. Sobolev, N. M. Santos, J. P. Leitão, M. C. Carmo, D. Fuster, L. González, Y. González, and W. Wesch, Phys. Status Solidi B **252**, 134 (2015) (DOI [10.1002/pssb.201400163](https://doi.org/10.1002/pssb.201400163))

