

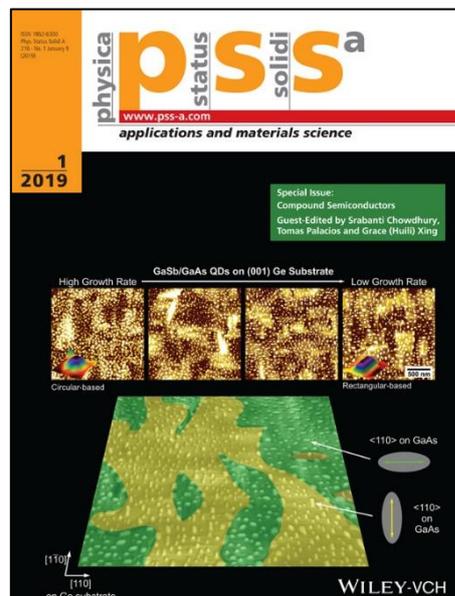
Call for papers – Invitation to authors
Special Issue in *physica status solidi (a/b)*
Compound Semiconductor Week (CSW-2020)

pss (a) – applications and materials science

Epitaxy and Semiconductor Processing; High-frequency devices,
Power Electronics; Photonic devices and related technologies;
Organic Semiconductors and Flexible Electronics

pss (b) – basic solid state physics

Nanostructures, Novel Materials and Characterization;
Novel Device Concepts, Physics, Spintronics, Ferroelectrics;
Wide-bandgap materials; Nanocarbon and 2D Materials



Guest Editors: **Mattias Hammar and Sebastian Lourdudoss**

Submission Deadline: **June 30, 2020**

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

pss (b): www.editorialmanager.com/pssb-journal

Select Section/Category: **CSW-2020 - Compound Semiconductors**

Dear CSW-2020 presenters,

Despite of the regrettable cancellation of this year's conference, *physica status solidi* and the organizers remain committed to publish a **twin special issue highlighting the most exciting new results** that were scheduled for presentation at this year's CSW-2020 in Stockholm on May 17–21. This will still **make your important works available to a large international audience** quickly. Following a long line of successful publications from previous meetings since 2005, the papers will be divided between *pss (a) – applications and materials science* and *pss (b) – basic solid state physics*. In collaboration with the Guest Editors and the 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 presentation.

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 1000 articles per year – now close to 60 years in business – and is widely accessible as part of many institutional site licenses, evidenced by many hundreds of thousands of article downloads annually.

Submitted manuscripts will undergo editorial evaluation and, if considered appropriate, subsequent **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 **Accepted Articles** and **Early View** shortly after acceptance, your article is **citable with DOI** or article number immediately; hence there is **no waiting for the remainder of the contributions**. When all articles are complete, the topical section will be assembled in 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 direct your submission to ***pss (a)* or *(b)*** based on the topics 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!

Mattias Hammar, Sebastian Lourdudoss, and Stefan Hildebrandt

Guest Editors: Mattias Hammar and Sebastian Lourdudoss CSW-2020@KTH.se
pss Editor-in-Chief: Stefan Hildebrandt pssa@wiley-vch.de, pssb@wiley-vch.de
Journal homepages: www.pss-journals.com, www.pss-a.com, www.pss-b.com

WILEY-VCH

Submission information:

Please refer to the author instructions available on our homepage 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 **CSW-2020** special issues in your cover letter and select the appropriate section/category **CSW-2020 – Compound Semiconductors** to expedite handling). Manuscripts received after the deadline may be considered for regular publication in the journal.

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 workshop does not automatically include publication in the special issue. The main criteria for consideration by pss are:

- The importance, relevance, and novelty of the results match those expected for a regular journal paper.
- 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.
- Main results have not yet been published (also not in conference proceedings) and are not under consideration for publication elsewhere.

Further **benefits** for pss authors include:

- No page charges or publication costs for authors, free online colour
- Modern article formats (PDF, Enhanced PDF, HTML compatible also with mobile devices)
- Supporting information, e.g. additional data, figures, videos or animations can be published online
- [Wiley OnlineOpen](#) option compliant with national or funder mandates, supported by many countries and institutions
- Author suggestions for journal cover figures or frontispiece pages, especially for Feature Articles
- Journal print issues, color reprints with cover page, posters etc. are available for purchase
- pss is indexed in ISI Web of Science and all other major abstracting databases
- Promotion of selected content via web portals, e.g. advancedsciencenews.com, newsletters, and press releases

See recent related publications:

Compound Semiconductors (CSW 2018), eds. S. Chowdhury, T. Palacios, and H. G. Xing
Phys. Status Solidi A **2019**, 216, No. 1 (DOI [10.1002/pssa.v216.1](https://doi.org/10.1002/pssa.v216.1))
CSW 2019 forthcoming soon in pss (a) and (b)

Including the **Review Article**

Recent Advances in InAs Quantum Dot Lasers Grown on On-Axis (001) Silicon by Molecular Beam Epitaxy

D. Jung, J. Norman, Y. T. Wan, S. T. Liu, R. Herrick, J. Selvidge, K. Mukherjee, A. C. Gossard, John E. Bowers

Phys. Status Solidi A **2019**, 216, 1800602 (DOI [10.1002/pssa.201800602](https://doi.org/10.1002/pssa.201800602))

and the **Feature Article**

A Decade of Nonpolar and Semipolar III-Nitrides:

A Review of Successes and Challenges

M. Monavarian, A. Rashidi, D. Feezell

Phys. Status Solidi A **2019**, 216, 1800628 (DOI [10.1002/pssa.201800628](https://doi.org/10.1002/pssa.201800628))

