

Call for papers – Invitation to authors
Special Issue in physica status solidi (b)
Nanocarbon Photonics and Optoelectronics

Guest Editors

Esko Kauppinen, Alexander Obraztsov, and Yuri Svirko

Submission Deadline

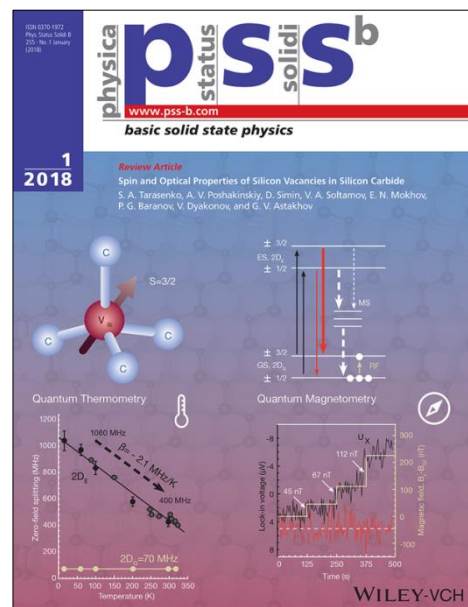
October 15, 2018

Submission at

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Select Section/Category

Nanocarbon Photonics and Optoelectronics



Dear NPO2018 presenters,

Related to this year's *7th International Workshop on Nanocarbon Photonics and Optoelectronics* and after the successful publication related to NPO 2017 it is once again planned to publish a special issue (**no conference proceedings**) in *pss (b) – basic solid state physics* with selected contributions on diverse fundamental and application problems related to the photonic and optoelectronic applications of nanocarbon materials. In collaboration between the Guest Editor and the pss Editorial Office we cordially invite you to submit a **Feature Article** (topical review, for invited speakers) or **Original Paper** (for contributed presenters) manuscript.

The physica status solidi journals are designed to reach a broad audience in the field of condensed matter and materials physics. pss is one of the largest and well-established publication platforms in solid state physics with more than 1500 articles per year – now over 55 years in business – and is widely accessible as part of many institutional site licenses, evidenced by close to one million article downloads annually.

All submitted manuscripts will undergo **peer review**. According to the editorial policy of pss, two positive recommendations by independent referees 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 a regular monthly issue of pss (b). Such a clustering of related articles will raise the visibility of these articles significantly.

Please refer to the author instructions available on our homepage www.pss-b.com → **Author Guidelines** (including optional Word template and LaTeX style files and the link to **online submission** through Editorial Manager – please **mention the special issue** in your cover letter and select the appropriate topical section/category **Nanocarbon Photonics and Optoelectronics** during online submission to expedite handling). Topics may focus on photonics and optoelectronics of graphene and other two-dimensional materials, topological insulators, carbon nanotubes and nanodiamond.

We look forward to receiving your contribution!

Esko Kauppinen, Alexander Obraztsov, Yuri Svirko and Stefan Hildebrandt

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Journal homepages:	www.pss-journals.com , www.pss-b.com	
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Information on submissions:

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 (b) 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.

Online submission: www.pss-b.com → Submit an Article, www.editorialmanager.com/pssb-journal

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Special issue: Nanocarbon Photonics and Optoelectronics

ed. A. Obraztsov (*free-to-read in 2018*)

Phys. Status Solidi B **255**(1) (2018) (DOI [10.1002/pssb.v255.1](https://doi.org/10.1002/pssb.v255.1))

Including:

Review Article: Spin and Optical Properties of Silicon Vacancies in Silicon Carbide – A Review

S. A. Tarasenko, A. V. Poshakinskiy, D. Simin, V. A. Soltamov, E. N. Mokhov, P. G. Baranov, V. Dyakonov, and G. V. Astakhov
Phys. Status Solidi B **255**, 1700258 (2018)
(DOI [10.1002/pssb.201700258](https://doi.org/10.1002/pssb.201700258))

Influence of Carbon Nanotube Spatial Distribution on Electromagnetic Properties of Nanotube–Polymer Composites

S. I. Moseenkov, D. V. Krasnikov, V. I. Suslyaev, E. Yu. Korovin, K. V. Dorozhkin, and V. L. Kuznetsov
Phys. Status Solidi B **255**, 1700257 (2018) (DOI [10.1002/pssb.201700257](https://doi.org/10.1002/pssb.201700257))

