

Call for Papers – Invitation to Authors

Joint Special Issue in *physica status solidi*

Transparent Conductive Oxides Fundamentals and Applications

Guest Editors

Marius Grundmann, Holger von Wenckstern

Manuscript submission due date **December 16th, 2024**

Send to pss RRL at www.editorialmanager.com/pssrri-journal

Send to pss (a) at www.editorialmanager.com/pssa-journal

Select Section/Category

By invitation only: Transparent Conductive Oxides



Dear colleague,

We want to capture the progress on transparent conductive oxides as it was presented at the recent [TCO 2024](#) community gathering in Leipzig in a focussed yet comprehensive dedicated publication. Therefore, the meeting organisers and staff editors invite you to contribute to a joint Special Issue in the journals *physica status solidi (RRL) – Rapid Research Letters (pss RRL)* and *physica status solidi (a) – applications and materials science (pss (a))*. It will comprise regular papers in both journals (no conference proceedings!).

Please send your latest original results as a **Research Article**, or contribute an overview article as **Review**. Concisely presented results with a high degree of novelty and urgency will be considered as Letters for *pss RRL*, and more comprehensive original manuscripts for *pss (a)*. More information on the journals is enclosed below.

We hope to spark your interest and look forward to receiving your manuscript soon. If you have any further questions, please do not hesitate to contact us.

Best regards, on behalf of the Guest Editors
Sabine Bahrs

Editorial contact:

Sabine Bahrs | she/her/Dr | Editor *physica status solidi (RRL) – Rapid Research Letters*

pss.rapid@wiley-vch.de
www.pss-rapid.com
www.pss-a.com

Article Types

Research Articles (pss)

Research Articles are peer-reviewed reports of original research results. The essential findings presented in a Research Article should be novel and should not have been published previously. The conclusions must be clearly supported by the data. Whilst a typical Research Article is around 3000–8000 words (in its entirety) including 3–8 display items (figures, schemes, or tables), submitted manuscripts can be any length. However, the scientific contents should justify the length, and pss RRL, as a letter-journal, requires concise presentation. Manuscripts should include 1) an introduction, summarizing the objectives and main conclusions of the work, 2) the main text of the article, 3) a conclusion, summarizing the conclusions that can be drawn, and 4) an experimental or methods section. In addition, a short abstract (200 words maximum) should be included along with 3–7 keywords. Supporting Information in the form of additional experimental details, display items, movies, etc. may accompany the main article. The main article must stand on its own in the absence of the Supporting Information.

Reviews

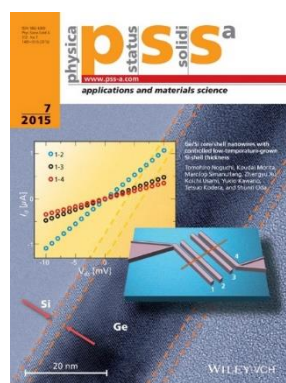
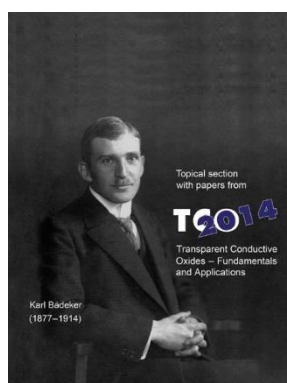
Reviews are peer-reviewed and give an overview of recent progress in important fields of research, providing the readers with a guide to the relevant literature, an appreciation of the significance of the work, and an outlook into potential future directions. It is not intended that Reviews are necessarily comprehensive, but rather insightful, selective, critical, opinionated, and even visionary. The reference list should be well-balanced. Unpublished results should not be included. Whilst a typical Review is 10 000–20 000 words (in its entirety) including 5–15 display items (figures, schemes, or tables), submitted manuscripts can be any length. However, the scientific contents should justify the length and manuscripts should be divided into appropriate sections. In addition, a short abstract (200 words maximum) should be included along with 3–7 keywords. A passport-type photo and a short biography (100 words maximum) that highlights the career to date and current research interests may be included for the main contributing authors. Awards, number of publications, patents, etc. should not be included in biographies.

Further Information for Authors

- Templates are optional. Please refer to the [pss RRL Author Guidelines](#) or the [pss \(a\) Author Guidelines](#).
- Please mention the Special Issue in the cover letter and choose the section/category “By invitation only: Transparent Conductive Oxides”.
- Special Issue submissions will be handled immediately with priority by experienced journal Editors, in collaboration with the Guest Editors, and undergo double peer-review. Each accepted article will be published online immediately in Early-View ahead of the complete project.
- Editorial handling includes Editorial Office and typesetting service, listing in major citation databases (Web of Science, SCOPUS etc.), content promotion (graphical table of contents, cover pictures, newsletters, news items on Advanced Science News, <http://www.advancedsciencenews.com> etc.)
- The hybrid journal [Open Access](#) option is compliant with national or funder mandates, supported by an increasing number of transformational agreements.

Related Content

[Karl Bädeker \(1877–1914\) and the discovery of transparent conductive materials in Phys. Status Solidi A Vol. 212, No. 7, pp. 1408–1498, July 2015](#)



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