

Special Collection
physica status solidi (RRL) and
Advanced Electronic Materials
Topological materials and their application
to classical and quantum nanotechnologies

Guest Editors
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Manuscripts due **July 31st 2025**

Section/Category **Topological materials and their application**

Dear Symposium B Presenters,

On the occasion of the E-MRS spring meeting, we want to feature the field of “**Topological materials and their application to classical and quantum nanotechnologies**” in a **Special Collection** of regular journal articles. This will be hosted by **physica status solidi (RRL) – Rapid Research Letters**, but can also include contributions published in other journals in Wiley’s physics and materials sciences portfolio, like **Advanced Electronic Materials**. In the tradition of many previous publications of selected regular journal content from the E-MRS meetings in the *pss* journals, let us encourage you and your colleagues to contribute your latest original results as a **Research Article (Rapid Research Letter)**, typically 3000-8000 words), or to compose a **Review** (typically 6-15 journal pages long). A personalized invitation message with a link to the editorial system will be sent to all presenters of the Symposium.

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

Best regards, on behalf of the Guest Editors and the *pss* Editors
Sabine Bahrs

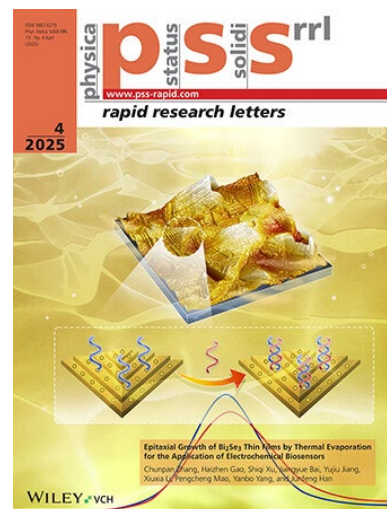
About the Journal

[physica status solidi \(RRL\) – Rapid Research Letters](https://onlinelibrary.wiley.com/doi/10.1002/pssr) (*pss RRL*), a Wiley physics journal, is among the fastest peer-reviewed journals in solid state, condensed matter and materials physics. Without compromising quality, new articles on findings of high relevance appear online almost every day. Our scope includes electronic, magnetic, optical, thermal, and structural properties of solids, nanostructures, and low-dimensional systems as well as device applications. We particularly welcome papers from interdisciplinary and emerging new areas of research. Peer review and publication occur on individual article basis. Once published, your article is assigned a DOI immediately and appears first in the Early View section, hence there is no waiting for the remainder of the Special Collection contributions.

Contact:

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Article Formats

Research Articles (Rapid Research Letters)

Research Articles present original work with a demand for express publication due to its novelty and significance. Manuscripts should have a typical length of around 3000–8000 words (in their entirety) including 3–8 display items (figures or tables). Supporting Information (additional data, animations, files etc.) for online publication is available.

Reviews

Unlike comprehensive classical review articles but in tune with the dedication of pss RRL to the latest research developments, a Review shall present a snapshot of the state-of-the-art of an important and recently very hot topic at the forefront of research for a readership with solid state, materials, and applied physics background, from as short as 6 to typically no longer than 15 journal pages. Ideally this comprises three equal parts: a summary of recent important findings, an orientation among ongoing work and open questions, and an outlook on future trends with potential for future work, supported by to the most relevant and recent publications in the field. Please make sure to put your own work into perspective with the literature by discussing results that were achieved by other international research groups. Publication includes author CV and photo if desired.

Contributor Guidelines

- For manuscript preparation information please check the [Author Guidelines](#)
- An **individual invitation message** from the editorial system to each presenter will be forthcoming.
- Submit to pss RRL at <https://www.editorialmanager.com/pssrrl-journal> (register as a new user if needed). Please mention the Special Issue in the cover letter and choose the **section/category “Topological materials and their application”**.
- The submission due date is **July 31st, 2025**. Please contact the journal if you need more time.
- Special Collection manuscripts will be handled immediately with priority by experienced journal Editors and undergo double peer-review. Each accepted article will be published online immediately in Early-View ahead of the complete Special Collection.
- 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.)
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Review

The Xenes Generations: A Taxonomy of Epitaxial Single-Element 2D Materials

Carlo Grazianetti, Christian Martella, Alessandro Molle

<https://doi.org/10.1002/pssr.201900439>

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