

Call for papers

Focus Issue

Antiferromagnetic
spintronics

Guest Editors

Jairo Sinova
Tomas Jungwirth
Olena Gomonay

Submission deadline:

November 21st, 2016

Submit to pss (rrl) at

<https://www.editorialmanager.com/pssrrl-journal/>

Select Section/Category

Antiferromagnetic Spintronics

Dear Colleague,

Due to your active research in the field of antiferromagnetic materials we cordially invite you to submit a manuscript to our forthcoming Focus Issue on *Antiferromagnetic Spintronics*. The Focus Issue will be published in *physica status solidi – Rapid Research Letters*, i.e. [pss \(RRL\)](http://pss.rrl), on the basis of the [Workshop on Antiferromagnetic Spintronics](#) in collaboration with Prof. Dr. Jairo Sinova, Prof. Dr. Tomas Jungwirth and Prof. Dr. Olena Gomonay as guest editors.

The focus issue aims not only to summarize the recent progress in the rapidly developing field of antiferromagnetic spintronics but mostly important to present future perspectives in the field. It should provide a snapshot of the state-of-the-art, both experimental and theoretical, for both experienced and young researchers interested in the subject.

You may either write a short overview/review article (6-15 pages long) or submit your latest original results as a letter (4 pages long). For details please see below.

We hope to spark your interest and look forward to receiving your manuscript soon. For questions please do not hesitate to contact us.

Best regards, the Guest Editors

Prof. Dr. Jairo Sinova, Johannes Gutenberg Universität Mainz , Germany

Prof. Dr. Tomas Jungwirth, Academy of Sciences, Prague and University of Nottingham

Prof. Dr. Olena Gomonay, Johannes Gutenberg Universität Mainz, Germany

Please tick one of the following options and reply to pss.rapid@wiley-vch.de by October 15th, 2016:

Yes, I will submit a short overview/review (Review@RRL)

Yes, I will submit a Letter (maximum length: 3000 words and 4 figures/tables, typically 4 journal pages)

No, thanks, I am currently not interested



About the Journal

The journal [physica status solidi – Rapid Research Letters](#) (2015 IF of 2.578, +20% vs previous year) is one of the fastest double peer-reviewed journal in solid state physics. Median publication times are 17 days from submission to first editorial decision and 6 days from acceptance to online publication.

Peer review and publication occur on individual article basis. Once published, your article is assigned a DOI immediately and appears in the Early View, hence there is no waiting for the remainder of the Focus Issue contributions. At the time that all articles of the Focus Issue are accepted, all contributions are published in a monthly issue of pss (RRL), i.e. in the Focus Issue. Such a clustering of related articles will raise the visibility of these articles tremendously.

Editorial handling includes Editorial Office and typesetting service, listing on major citation databases (ISI WoS, SCOPUS etc.), content promotion (graphical Table of contents, cover pictures, newsletters (from Nature Publishing Group), news on Wiley's online portal Materials Views, promotion campaigns at international conferences such as DPG, MRS Spring Meeting, E-MRS Spring Meeting, etc.)).

Article Formats

Review@RRL

Unlike comprehensive classical review articles but in tune with the dedication of *pss (RRL)* to the latest research developments, a [Reviews@RRL](#) 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 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 typically up to 50 references 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.

Regular Rapid Research Letter

[Letters](#) aim at original work with a demand for express publication due to its novelty and significance. Rapid yet thorough double peer review combined with speedy post-acceptance handling. Page limit is to a maximum length of 3000 words and 4 figures/tables (typically 4 journal pages).

Author Guidelines

- Register and submit to pss (RRL) at <https://www.editorialmanager.com/pssrri-journal/>. Please mention the Focus Issue in the cover letter or choose Antiferromagnetic Spintronics in the category field (step 2 of the submission process).
- The submission deadline is November 21st, 2016.
- Focus Issue submissions will be handled with priority by experienced Editorial Office staff and undergo double peer-review. Each accepted article will be published online immediately in Early-View ahead of the complete Focus Issue.
- There are no submission fees or page charges.

Previous Focus Issues:



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Guest edited by Pawel Hawrylak, Francois Peeters, Klaus Ensslin

[Functional Oxides](#)

Guest edited by Jan Knaup, Thomas Frauenheim, Peter Broqvist, Shriram Ramanathan

[Semiconducting Nanowires](#)

Guest edited by Chennupati Jagadish, Lutz Geelhaar, Silvija Gradecak

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Guest edited by Claudia Felser, Shoucheng Zhang, Binghai Yan

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[List of all Focus Issues in pss \(RRL\)](#)