DESCRIPTION

Solid State Communications publishes short communications and original research articles on significant developments in condensed matter science and materials physics, that emphasis original experimental and theoretical research on the physical and chemical properties of not only solids but also other condensed systems.

The submission of manuscripts reporting research on the basic physics of materials and devices, as well as of state-of-the-art microstructures and nanostructures, is encouraged.

A coherent quantitative treatment emphasizing new physics is expected rather than a simple accumulation of experimental and/or theoretical data.

Consistent with these aims, the short communications should be kept concise and short, not longer than six printed pages. The number of figures and tables should also be kept to a minimum. Original research articles have no length restrictions.

(Visit the Guide for Authors for more detailed information.)

The Fast-Track section of Solid State Communications is the venue for very rapid publication of short communications on significant developments in condensed matter science and materials physics. The goal is to offer the broad condensed matter community quick and immediate access to publish recently completed papers in research areas that are rapidly evolving and in which there are developments with great potential impact.

Keywords: condensed matter physics, materials physics, materials chemistry, materials science, electronic properties and devices, magnetism, superconductivity, microstructures, nanostructures

AUDIENCE

Condensed Matter Physicists, Material Scientists.

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Short Communications - A coherent quantitative treatment emphasizing new physics is expected rather than a simple accumulation of experimental data. Consistent with these aims, the submitted manuscripts should be kept concise and short, usually not longer than six printed pages. The number of figures and tables should also be kept to a minimum.

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Full Length Articles- the journal now also welcomes unpublished original work with thorough investigations.

The journal also publishes Highlights and Invited Reviews - these will normally be commissioned by one of the Editors. Prospective authors of a highlight or review article should complete and submit the Review or Highlight Proposal Form for Editorial approval prior to submitting their review.

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