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DESCRIPTION

*Solid State Communications* is an international medium for the publication of short communications on significant developments in condensed matter science, giving scientists immediate access to important, recently completed work. The journal publishes original experimental and theoretical research on the physical and chemical properties of *solids* and other *condensed systems* and also on their preparation. The *submission* of manuscripts reporting research on the basic *physics* of *materials science* 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 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. *Solid State Communications* will also publish important initial results of ongoing research which should be referred to in more extensive papers being submitted elsewhere at a later date.

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. 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:* short communication, condensed matter physics, materials physics, materials chemistry, materials science, electronic properties and devices, magnetism, microstructures, nanostructures

AUDIENCE

Condensed Matter Physicists, Material Scientists.

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