Aims & Scope

physica status solidi is devoted to the thorough peer review and the rapid publication of new and important results in all fields of solid state physics and materials science, from basic science to applications and devices.

physica status solidi (b) – basic solid state physics is devoted to topics such as theoretical and experimental investigations of the atomistic and electronic structure of solids in general, phase transitions, electronic, optical, magnetic, superconducting, ferroelectric or other properties of solids, low-dimensional, nanoscale, strongly correlated or disordered systems etc.

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physica status solidi (c) – current topics in solid state physics aims at the timely dissemination of scientific results in rapidly evolving specific areas of solid state physics and materials science. An efficient peer-review process allows a faster editorial decision and publication.

physica status solidi (RRL) – Rapid Research Letters (www.pss-rapid.com) is presently the fastest peer-reviewed publication medium in solid state physics. It communicates important findings with a high degree of novelty and need for express publication, as well as other results of immediate interest to the solid state physics and materials science community. All manuscripts enjoy priority handling by the Editorial Office. Rapid Research Letters particularly invites papers from interdisciplinary and emerging new areas of research. Submissions are limited to 3000 words (3–4 printed pages in two-column Letter format). The average online publication time in 2012 was well below one week after acceptance. On average, there were 17 days from submission to first editorial decision.

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Articles in pss (a) and (b) may belong to one of the following main categories:

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