

Focus section on "Mathematics of Networks and Complex Materials"

Guest Editors: R. S. MacKay and S. W. Grosskinsky

Submissions of original research papers are invited on mathematical treatments of complexity science topics in networks or complex materials. Authoritative and insightful reviews may also be considered. The impetus for the focus section is a collection of papers to be presented at the European Conference on Complex Systems 2009 (<http://eccs09.info>), which fit the journal scope. Additional submissions are encouraged, especially from outside Europe.

Of particular interest are the relationship between microscopic and macroscopic behaviour, multiscale structures, self assembly and growth, emergence and pattern formation. Possible topics include polymer networks, composites, porous media, granular media, glasses, foam, swarms, traffic flows, telecommunication, electricity distribution, etc.

Submissions are to be made via the journal's submission system, following the journal's instructions and mentioning one of the guest editors' names in addition to the requested two associate editors, and will be subject to the journals' high quality refereeing and selection process. <http://aimsciences.org/journals/NHM/index.htm>

Deadline for submissions: 15 October 2009.