

Guide to Authors – Future Generation Computer Systems

Type of contributions

The emphasis will be on new, high quality, original work in the field of:

[1] Grid Applications and application support:

- Novel applications
- eScience and eBusiness applications
- Problem solving environments and virtual laboratories
- Grid economy
- Semantic and knowledge based grids
- Collaborative Grids and virtual organizations
- High Performance and high throughput computing on grids
- Complex application workflows
- Scientific, industrial and social implications
- Grids in education

[2] Grid methods and middleware:

- Tools for grid development: monitoring and scheduling
- Distributed dynamic resource management
- Grid- and web-services
- Information management
- Protocols and emerging standards
- Peer to peer and internet computing
- Pervasive computing
- Grid Security

[3] Grid Theory:

- Process specification; program and algorithm design
- Theoretical aspects of wide area communication and computation
- Scaling and performance theory
- Protocol verification

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- Each keyword (which can be a phrase of more than one word) should describe one single concept. Often words like "and" or "of" should be avoided.
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- Use English rather than American spelling (regardless of the spelling used for the article itself).
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Examples:

Reference to a journal publication:

[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2000) 51–59.

Reference to a book:

[2] W. Strunk Jr., E.B. White, *The Elements of Style*, third ed., Macmillan, New York, 1979.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 1999, pp. 281–304.

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