



ICES'03

The 5th International Conference on Evolvable Systems: From Biology to Hardware

17th - 20th March 2003
Trondheim, Norway

Call for Papers

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Submissions:

Prospective authors are invited to submit papers not exceeding **12 pages** in length, formatted as close as possible to the final format: Springer-Verlag LNCS proceedings format (see www.springer.de/comp/lncs/authors.html).

Templates are available at the LNCS website for your convenience.

Submissions must include :

- title of paper,
- author name(s),
- author physical address(es),
- author e-mail address(es),
- author phone number(s),
- keywords describing the paper from the list of topics above.
- a 50-200 word abstract of the paper (at beginning of paper),
- the text of the paper (including all figures, tables, acknowledgments, and appendices, if any), and references (cited).

All manuscripts must be submitted for review electronically following the instructions on the [submitting papers web page](#).

Manuscripts received in hard copy form will not be processed.

Accepted file formats are *PDF and Postscript*.

Don't forget:

[2002 NASA/DoD Conference on Evolvable Hardware](#)

July 15 - 18, 2002

Alexandria, Virginia, USA

All papers will be evaluated with regard to their suitability for the conference, originality, technical soundness, clarity, writing quality and sufficiency of information to permit replication (if applicable).

Papers should not have been previously published or currently submitted for publication elsewhere.

The Programme Committee reserves the right to accept interesting contributions for posters. All posters will be reviewed, as for full papers, and included as full papers in the conference proceedings.

The first-named author (or other corresponding author designated by the authors when submitting) will be notified of acceptance or rejection on the 2nd November.

By submitting a paper, the author(s) agree that, if their paper is accepted, they will submit a final revised camera-ready version by the deadline for camera-ready papers on 8th December, they will register at least one author by the deadline for camera-ready papers, and at least one author will attend and present the accepted paper at the conference.

Publication

Camera-ready papers are limited to a maximum of 12 pages. The conference proceedings will be published by Springer-Verlag in hardcopy and as a full-text electronic version. The proceedings will be available at the conference. Papers will be considered for a special issue of IEEE Transactions on Evolutionary Computation.

Important Dates:

Paper submissions:

27th August

Notice of acceptance :

2nd November

Camera-ready papers:

8th December

Topics:

Original papers on, but not limited to, the following topics are invited:

- Evolving hardware systems.
- Evolutionary hardware design methodologies.
- Evolutionary design of electronic circuits.
- Self-replicating hardware.
- Self-repairing hardware.
- Embryonic hardware.
- Neural hardware.
- Adaptive hardware platforms.
- Autonomous robots.
- Evolutionary robotics.
- Bio-robotics.
- Applications of nanotechnology.
- Biological- and chemical-based systems.
- DNA computing.
- Morphogenesis.
- Evolutionary approach to MEMS (Micro Electro Mechanical Systems).
- Adaptive Optics.