

**Call for Papers: Special Issue of
International Journal of Computer Applications in Technology
(IJCAT)**

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Computer Aided Innovation

We have been invited by the Editor-in Chief of Inderscience Publishers, M.A. Dorgham, to be Guest Editors of a Special Issue of IJCAT.

The topic for the issue is **Trends in Computer Aided Innovation**.

Authors are being invited primarily, but not exclusively, based on papers presented on the 1st IFIP Working Conference on Computer Aided Innovation that was organized by the IFIP TC5 Special Interest Group Computer Aided Innovation and took place November 14-15 in Ulm, Germany, hosted by DaimlerChrysler Research and Technology, Digital Engineering Competence Center.

The working Conference provided a forum for presenting and discussing current research and recent advancements in all fields of supporting innovation with computer tools for product and process development. From the 22 papers accepted for the conference 18 were proposed by at least one of the reviewers for being published in the special issue of the IJCAT.

It is my pleasure to invite you to submit a paper considering the following topics:

- The Innovation Process and Engineering Information Pipeline;
- Engineering Design and Innovation;
- TRIZ and CAI;
- Basic definitions to Computer Aided Innovation;
- Validation of innovations;
- Fundamental Approaches: CAD-CAE an CAI-software;
- PDM-PLM and CAI;
- Optimization and Innovation;
- Shape and Topology Generators and Optimization,
- Design Automation and CAI;
- Integration of CAI methods and tools into engineering processes.
- Innovation in collaborative networks of enterprises
- Professional virtual communities and innovation
- Data Mining, Text Mining and CAI
- Computer Aided Innovation at the Fuzzy Front End of the Innovation Process
- Computer Aided Innovation at the Embodiment Design Stages of the Innovation Process.

If your paper is based on the paper presented at the Working Conference, it is recommended that it contains new advances achieved after the conference.

The deadline for receipt of the first draft of manuscripts is April 29 2006.

Each paper will be refereed by two referees.

The refereeing process will take two months. Authors will then be allowed one month to resubmit the final manuscript after which all papers will be sent to the publisher for the publication process.

Please let me know by March 31, 2006 whether or not you are able to accept our invitation. If you agree then please fill in the attached form and return to by email.

For Guide for Authors, sample papers, the refereeing process, and for more information about the Journal, please visit web site: <http://www.inderscience.com/>

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ACCEPTANCE FORM

Proposed Submission of a Paper for a *Special Issue of International Journal Computer Applications in Technology: Computer Aided Innovation*

Title of Paper:

Name and Address of Principal Author:

Name _____
Affiliation : _____
City: _____ State: _____ Zip: _____
Country: _____
Tel: _____ Fax: _____
Email: _____

Name and Address of Co-Authors:

Name _____
Affiliation : _____
City: _____ State: _____ Zip: _____
Country: _____
Tel: _____ Fax: _____
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Email: _____

Name _____
Affiliation : _____
City: _____ State: _____ Zip: _____
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Please fill in form and return by email before March 31 2006 to:
ifip-tc5cai.mty@servicios.itesm.mx