



# First Announcement and Call for Papers

## 2<sup>nd</sup> IFIP Topical Session on

# Computer-Aided Innovation

### Integration of CAI systems in the Product Development cycle

Hold in conjunction with 20th IFIP World  
Computer Congress  
September 7-10, 2008, Milan, IT

**Sponsoring IFIP WG:**

5.4: Computer Aided Innovation

**Program chairs:**

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N. León, Mexico  
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C. Rizzi, Italy  
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**Co-sponsoring organization:**

Politecnico Innovazione – Centro di  
Competenza per l’Innovazione Sistemica

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**DEADLINES:**

Short abstract: **January 21<sup>st</sup> 2008**

Notification of preliminary acceptance:

**February 15<sup>th</sup>, 2008**

Full paper submission: **March 15<sup>th</sup>, 2008**

Notification of acceptance and  
comments of the reviewers: **April 19<sup>th</sup>, 2008**

Camera ready manuscript: **May 10<sup>th</sup>, 2008**

**Scope and Topics:**

Computer-Aided Innovation is emerging as a strategic domain of research and application to support enterprises throughout the overall innovation process. WG5.4 of IFIP has already promoted two successful conferences fully dedicated to CAI systems development and implementation.

The goal of the Topical Session within WCC2008 is to provide a survey of existing technologies and research activities in the field, both to experts and interested members from any other IFIP WGs.

Moreover it is aimed at identifying opportunities of integration of CAI with other PLM systems and at promoting collaborations and synergies.

**Preliminary Program and Topics:**

*1<sup>st</sup> Day – State-of-the-Art of CAI systems*

- 1<sup>st</sup> Half day session:
  - o Conceptual framework for CAI systems development
  - o Process and Product modelling techniques for Conceptual Design
  - o Software tools supporting inventive activities
  - o Optimization systems
  - o Knowledge Management systems for Innovation
- 2<sup>nd</sup> Half day session: extended round-table about the role of computers in Innovation-related activities:
  - o establishing the differences between innovation, invention and optimization
  - o identifying the requirements for CAI systems

*2<sup>nd</sup> Day – Integrated Product Innovation and Development (members of other WGs of IFIP are invited to submit contributions to highlight opportunities for collaborations and joined projects):*

- How to integrate CAI systems in the Product Cycle?
- How to link CAI tools with existing PLM systems?
- How to identify and create collaboration opportunities among IFIP WGs and WG5.4

Proceedings of IFIP CAI will be published by Springer Science and Business Media (SSBM). More information can be found in due course at <http://www.wcc2008.org>