

# The 5<sup>th</sup> International Electronics Design Contest for Students IEDCS'08

## I. OBJECTIVES

- Innovation Promotion
- Technical Knowledge Sharing
- Talents Exploration
- Academia and Industry Bridging

## II. JOINING CRITERIA

- Innovative and applicable projects
- Designed by full-time undergraduate students
- Academic Year, Fall 2007/Spring 2008
- International submissions are invited

## III. AWARDS

### *First Three ranked designs awards:*

- Paper at IEEE ICM'08 Proceedings
- Presentation at IEEE ICM'08
- Waiving ICM'08 registration fees.
- "OpenTech" EDA tools and designs per winner.

## IV. DESIGNS' SCOPE

### *Conceptual and Operational designs for:*

- Digital/Analogue Integrated Circuits
- FPGA based designs, SOC
- Computer Architectures/ Processors
- Reconfigurable Computing Systems
- Embedded Systems, MEMS/Optics/Bio-Chips
- Control Systems, Telecommunications Systems.
- DSP Applications, Systems Software Modelling.
- Measurements and Instrumentation Systems.
- Design Methodologies/Verification Techniques.

## V. DESIGN SUBMISSION

- Summary is in *IEEE journal two-column format*
- Summary doesn't exceed four pages
- Submit summary in PDF format by email
- Submission language is English
- Submission dead line is **August 15, 2008**
- Send design to: [iedcs@handasarabia.org](mailto:iedcs@handasarabia.org)

## VI. JUDGING

*International judging panel from academia, industry plus the IEEE ICM'08 committee.*

### Judging Criteria

- Originality
- Soundness of Engineering
- Documentation Quality and Clarity
- Performance
- Judging decision by: September 1, 2008

**In Cooperation with the 20<sup>th</sup> IEEE International Conference on Microelectronics, ICM 2008, December 2008, UAE**

*Eetimes & EEdesign News Story about IEDCS'04 August, 04 2004*

[www.eedesign.com/article/printableArticle.jhtml?articleID=26805904](http://www.eedesign.com/article/printableArticle.jhtml?articleID=26805904)

## VII. SPONSORS

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**The University of Waterloo**

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**IEEE ICM'08 Conference**

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[admin@handasarabia.org](mailto:admin@handasarabia.org)