



TWESD'2012

1st Tunisian Workshop on Embedded Systems Design

CALL FOR Participation



25 – 27 May 2012, Monastir, Tunisia

Organizing Committee

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Local arrangement co-Chairs

Faten Ben Arfia, Tunisia

Walid Hassairi, Tunisia

Registration

Fees:

- 150DT (Academic)

- 250DT (Industrial)

le chèque ou le virement devra être au profit de l'association Tunisienne des Techniques Numériques et de l'Automatique ; Société Tunisienne de Banque Agence: Sfax Hached, RIB : 10 700 039 2028 301788 82



The Tunisian Workshop on Embedded Systems Design intends to gather and illustrate experiences in tools development and utilization in the area of embedded systems design.

TWESD 2012 will include oral, poster and tutorial sessions given by experts in state-of-the-art topics. The regular technical program will run for three days. In addition, tutorial sessions will be held on the first day of the workshop. Papers are solicited in, but not limited to, the following topics:

Circuits and Systems

1. Analog and RF circuit design techniques
2. Digital signal and data processing
3. Wireless communication systems
4. Nonlinear circuits
5. System on Chip (SoCs)
6. VLSI for Signal and Image Processing
7. Software-hardware architecture co-design

Real Time Systems

1. Computer Aided Design of Smart System
2. Real Time Operating System
3. Adaptive multimedia systems
4. Artificial Intelligence and Application
5. Parallel embedded systems
6. Multiprocessor Real Time Systems
7. Robotics

Software Engineering

1. Embedded systems research and development Process
2. Requirements engineering for embedded systems
3. Virtual integration for systems development
4. Security, reliability and trustworthiness of embedded systems.
5. Formal approaches

Perspective authors are invited to submit full-length (6 pages) papers, in IEEE format, using the guidelines in the authors' info. Only electronic submissions will be accepted via the online submission system. Accepted papers will be published in the electronic Conference Proceedings (CD ROM).

Important Dates

Full Paper Submission

April 25, 2012

Notification of Acceptance

May 5, 2012

Camera Ready Submission

May 10, 2012

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