IWADC

Perugia, Italy
September 8-10, 2003

Preliminary call for papers
8th International Workshop on
ADC Modelling and Testing

PERUGIA
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MODELLING AND TESTING
2003
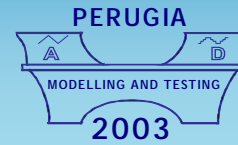
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IWADC is a joint event with the Italian National Doctorate School in Instrumentation and Measurements under the direction of Alessandro Ferrero and Dario Petri.

IWADC is an annual international workshop organised with the objective of bringing together researchers, developers, and practitioners from academia and industry working in all areas of ADC modelling and testing. IWADC serves as a forum for the dissemination of state-of-art research, development, and implementations of ADC test and modelling techniques and represents the meeting point for the European Research Group on ADC standardisation. A Round Table on the Project EUPAS - European Project on ADC Standardisation - will be organised in parallel.

Organisers
IMEKO TC-4 Working Group on A/D and D/A Converter Metrology
Department of Information and Electronic Engineering of the University of Perugia (Italy)
Research Unit in Instrumentation and Measurements of DIEI, Perugia.

Submission
The abstract submission process is handled electronically. Prospective authors should submit a double-page manuscript (in .pdf format) including authors' name and affiliation. Use the email address: iwadc2003@diei.unipg.it.

Topics
1. ADC and DAC advanced techniques, circuits and applications
   1.1 Very fast ADCs
   1.2 $\Sigma\Delta$ ADCs
   1.3 Resolution increase, ADC calibration and self-compensation
   1.4 DACs - new principles & applications
   1.5 Auxiliary circuits for ADCs and acquisition systems
2. ADC and DAC modelling and testing
   2.1 ADC and DAC modelling
   2.2 ADC and DAC testing
   2.4 ADC standards

Venue
The workshop will take place at Hotel Giò, Perugia Italy (www.hotelgio.it).

Deadlines
Submission of abstracts:	January 10, 2003
Notification of acceptance:	March 15, 2003
Submission of full papers and registration:	May 15, 2003

Correspondence
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Web: www.diei.unipg.it/iwadc2003

Publication
All accepted papers will be printed in the workshop proceedings and distributed also on CDROM.

Special Issue
Selected papers will be considered for publication in a Special Issue of the journal "Measurement" and of the journal "Computer Standard & Interfaces."

Fees

	before May 15	after May 15
Authors	300 €	350 €
Accompanying persons	200 €	250 €
Students	180 €	220 €

Registration fees include lunches, coffees and a social event. Authors' and students' registration fees include also the workshop proceedings and a CDROM. The accompanying persons' registration fee includes a visit to Assisi (www.umbria2000.it, www.umbriaonline.com). Students, especially from Central and East European countries may ask for a fee allowance. A special fee will be applied to joint registrations to IWADC and to the Italian National Doctorate School in Instrumentation and Measurements. Interested students shall contact the workshop organisers.

A Special Session will be organised on ADCs for image processing. Interested authors should send abstract/proposals to Fabrizio Russo (rusfab@univ.trieste.it).

A Special Session will be organised on ADCs for telecommunications. Interested authors should send abstract/proposals to Franco Maloberti (franco.maloberti@utdallas.edu).

A Special Session will be organised for doctoral students to present the results of their current research activities in the fields covered by the workshop topics. Papers submitted for this session must be authored only by doctoral students. The best paper presented in this session will receive a prize.