

# CALL FOR PAPERS INES 2010

14th IEEE International Conference on Intelligent Engineering Systems  
May 5th-7th, 2010, Las Palmas de Gran Canaria



## INES Founding Honorary Chair

Imre J. Rudas, Óbuda University, Budapest, Hungary

## INES 2010 Honorary Chairs

Lotfi A. Zadeh, USA

T. Wieckowski, Wroclaw University of Technology, Poland

Bogdan M. Wilamowski, USA

## INES 2010 General Chairs

Carmen Paz Suárez Araujo, Univ. of Las Palmas de G. C., Spain

Ryszard Klempous, Wroclaw University of Technology, Poland

János Fodor, Óbuda University, Budapest, Hungary

## INES 2010 Technical Program Committee Chairs

Michael Affenzeller, University of Applied Sciences Hagenberg, Austria

László Horváth, Óbuda University, Budapest, Hungary

Ales Prochazka, Institute of Chemical Techology of Prague, Czech Republic

## INES 2010 Technical Program Committee

Valentina Balas, "Aurel Vlaicu" University, Arad, Romania

Ildar Batyrshin, Mexican Petroleum Institute, Mexico

Barnabás Bede, Óbuda University, Budapest, Hungary

Attila L. Bencsik, Óbuda University, Budapest, Hungary

Balázs Benyő, BME, Hungary

J. Biernat, Wroclaw University of Technology, Poland

R. Braun, University of Technology Sydney, Australia

Z. Chaczko, University of Technology Sydney, Australia

Emilio Corchado, University of Burgos, Spain

J. M. Corchado Rodríguez, University of Salamanca, Spain

J. M. Cueva Loeve, University of Oviedo, Spain

Georgi Dimirovski, Sts. Cyril and Methodius University, Macedonia

P. García Báez, University of La Laguna, Spain

Tom Gedeon, Australian National University, Australia

C. González Martel, University of Las Palmas de G. C., Spain

Gerhard Hancke, University of Pretoria, South Africa

Kaoru Hirota, Tokyo Inst. of Technology, Japan

W. Jacak, University of Applied Sciences Hagenberg, Austria

Karel Jezerník, University of Maribor, Slovenia

Zsolt Csaba Johanyák, Kecskemét College, Hungary

L. Joyanes Aguilar, Pontifical University of Salamanca, Spain

Janusz Kacprzyk, Polish Academy of Sciences, Poland

A. Kasprzak, Technical University of Wroclaw, Poland

Oussama Khatib, Stanford University, USA

László T. Kóczy, Széchenyi István University, Győr, Hungary

George Kovács, CAI of HAS, Hungary

Szilveszter Kovács, University of Miskolc, Hungary

Krzysztof Kozłowski, University of Poznań, Poland

Jose Antonio Tenreiro Machado, Institute of Engineering of Porto, Portugal

Ladislav Madárasz, Technical University of Košice, Slovakia

Paola Mello, University of Bologna, Italy

Martina Mudrova

J. L. Navarro Mesa, University of Las Palmas de G. C., Spain

J. Nikodem, Wroclaw University of Technology, Poland

K. Ohnishi, Keio University, Japan

Y. Ojciene, Tokyo Inst. of Technology, Japan

Endre Pap, University of Novi Sad, Serbia

Béla Pátkai, Tampere University of Technology, Finland

Emil M. Petriu, University of Ottawa, Canada

Ramjee Prasad, Aalborg University, Denmark

Radu-Emil Precup, "Politehnica" University of Timișoara, Romania

Stefan Preitl, "Politehnica" University of Timișoara, Romania

Octavian Prostean, "Politehnica" University of Timișoara, Romania

Gerhard Ritter, University of Florida, USA

J. Rozenblit, University of Arizona, USA

C. Smutnicki, Wroclaw University of Technology, Poland

János Somló, BME, Hungary

Miroslav Sveda, University of Brno, Czech Republic

Jan Svhílik

József K. Tar, Óbuda University, Budapest, Hungary

Masayoshi Tomizuka, University of California, USA

Mario Ursino, University of Bologna, Italy

Annamária R. Várkonyi-Kóczy, Óbuda University, Budapest, Hungary

Alfredo Vellido, Technical University of Catalunya, Spain

## Organizers

University of Las Palmas de G. C., Spain

Wroclaw University of Technology, Poland

Óbuda University, Budapest, Hungary

## Local Organizing Committee

M. González Rodríguez, University of Las Palmas de G.C., Spain, Chairman

P. Fernández López, University of Las Palmas de G. C., Spain

P. García Báez, University of La Laguna, Spain

C. González Martel, University of Las Palmas de G. C., Spain

M. A. Pérez del Pino, University of Las Palmas de G. C., Spain

## Sponsors

IEEE Computational Intelligence Chapter, Hungary

IEEE Joint Chapter of IES and RAS, Hungary

IEEE SMC Chapter, Hungary

## Technical Co-Sponsors

IEEE Industrial Electronics Society

Óbuda University, Budapest, Hungary

John von Neumann Computer Society, Hungary

Hungarian Fuzzy Association

## In Technical Co-operation with

HUNOROB project (HU0045) - a project supported by a grant from Iceland, Liechtenstein and Norway through the EEA Financial Mechanism and the Hungarian National Development Agency

## Topics include but not limited to:

- Artificial Intelligence in Engineering
- CAD/CAM/CAE Systems
- Communications Software and Systems in Engineering
- Computational Intelligence in Engineering
- Intelligent Manufacturing Systems
- Intelligent Mechatronics and Robotics Systems
- Intelligent Signal Processing
- Intelligent Transportation Systems
- Man-Machine Systems
- Ontologies and Semantic Engineering
- Systems Engineering

## Submission of Papers

Prospective authors are invited to submit full papers following IEEE format. Maximum length is 6 pages.

Proceedings to be published on *IEEE Xplore*. A selection of the best papers to be published in a *Springer-Verlag* book.

## Author's Schedule

Deadline of full paper submission

February 28<sup>th</sup>, 2010

Deadline of notification

March 14<sup>th</sup>, 2010

Deadline of final paper submission

April 1<sup>st</sup>, 2010

## INES Series Life Secretary General

Anikó Szakál

Óbuda University, Budapest, Hungary

E-mail: szakal@uni-obuda.hu

## Venue

Museo Elder

de la Ciencia y la Tecnología

Conference Website: <http://www.ines-conf.org>



UNIVERSIDAD DE LAS PALMAS  
DE GRAN CANARIA



Wroclaw University  
of Technology



nea  
grants