

ICCS'12 International Conference on Complex Systems

November 5-6, 2012, Agadir, Morocco

Good morning ladies and gentlemen. Thank you very much for coming.



First I would like to thank for their initiative of sponsoring and organisation of this honorary Conference Professor Omar Halli, President of the Ibn Zohr University, Professor Younes Belhsen, Dean of the polydisciplinary faculty of Ouarzazate, Professor Moha Ikenne, Dean of the polydisciplinary faculty of Taroudant, Professor Mohamed Essaaidi, President of the Morocco section of the Institute of Electrical and Electronics Engineers (IEEE) which is the world largest professional not-for-profit association for the advancement of technology,

and last but not least Professor Mohamed Nemiche,

Chair of the organising committee of the whole conference.

My best regards also to Professor Antonio Caselles from the Sociedad Espanola de Sistemas Generales (SESG), who was a friend of Lorenzo Ferrer Figueras.



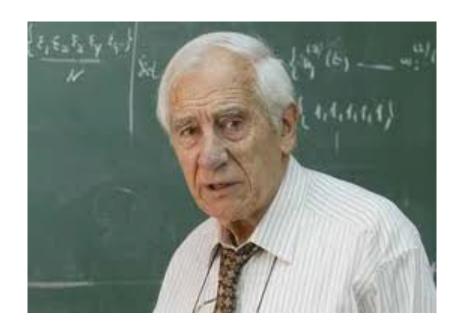
As you know the International Academy for Systems and Cybernetic Sciences (IASCYS) is a sponsor of this International Conference on Complex Systems. Some Academicians, like Edgar Morin, have been invited to attend as keynote speakers.

In the name of the Academy I must say that the very important thing is they do join to honour the memory of the Professor Lorenzo Ferrer Figueras.

Lorenzo Ferrer Figueras was a pioneer in Operational Research and Systems Theory. He founded the <u>School of Operations Research</u> at the University of Valencia (Spain) of which he was the Director during 26 years. He was also the President of the <u>Spanish Society of General Systems</u> during 16 years.



I met him only once, in 2008, in Lisbon, during the International Congress of the European Union for Systemics (UES-UES). He was speaking French better than I and we could speak about a lot of subjects during three days.





If the Sociedad Espanola de Sistemas Generales had postulated for him to be an Academician in the time of his life, undoubtly Lorenzo would have met the criteria for membership of the International Academy for Systems and Cybernetic Sciences. But Lorenzo died the year of the foundation of the Academy. Lorenzo was also a founder of The Systems Science European Union in 1989. He was the treasurer.

He could had been a founder member of the International Academy too!.

For me, in my heart, you are an Academician Lorenzo, even if the Executive Committee of the Academy does not agree posthumous members. Now we are building on your heritage.

Thank you very much Lorenzo. I would like we applaud you.

Thank you for him. Thank you very much.

http://iccs12.org/

Lorenzo FERRER FIGUERAS

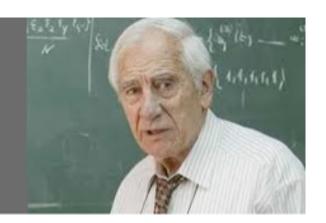
Died in Valencia (Spain) on November 5th, 2010

http://www.uv.es/ferrerl/

International Conference on Complex Systems

November 5-6 2012, Agadir, Morocco

ICCS'12



Founder, in 1965, and Director, during 26 years, of

the <u>School of Operations Research</u> (and Systems Theory) at the University of Valencia President during 16 years of

the Spanish Society of General Systems

http://iascys.org/





Professor Lorenzo Ferrer Figueras

International Conference on Complex Systems

Omar Halli, President of Ibn Zohr University, Agadir, Morocco. Aleix Garau Montané, the Spanish consul general in Agadir, Morocco.

Mohammad Essaaidi, President of IEEE Morocco Section. Mohamed Nemiche, Ibn Zohr University, Agadir, Morocco.

<u> Honorary Advisory Board</u>

Pierre Bricage, Secretary General of the International Academy for Systems and Cybernetic Sciences. Gerhard Chroust, Secretary General of the International Federation for Systems Research (IFSR) Daniel Dubois, Director of ASBL CHAOS, University of Liege, Belgium

François Dubois, President of the French Systems Science Organization, France Wei-Chiang Hong, Oriental Institute of Technology, Taiwan

(Editor-in-Chief of the International Journal of Applied Evolutionary Computation) Rafael Pla Lopez, Vice-president of the Spanish Society of General Systems. Spain. Mohamed Mansour, Ex-President of the Swiss Society for Automatic Control, Switzerland.

Gianfranco Minati, President of the Italian Systems Society, Italy. Matjaz Mulej, President of the International Academy for Systems and Cybernetic Sciences. Robert Vallée, President of The World Organisation of Systems and Cybernetics (WOSC).

Technical Program Chairs

Rafael Pla Lopez (University of Valencia, Spain) Youssef Zaz (Abdelmalek Essaadi University, Tetouan, Morocco)

Technical Program Committee

El Houcein Aassif, Ibn Zohr University, Agadir, Morocco Mustapha Ait Rami, University of Valladolid, Spain

Jilali Antari, Ibn Zohr University, Agadir, Morocco Luis Antunes, Porto University, Portugal

Saul Ares, Spanich National Center of Biotechnology-Madrid, Spain

Mohamed Bakhouya, Aalto University, Finland Nabil Benamar, Moulay Ismail University, Meknés, Morocco

Samir Bouaziz, University of Paris Sud, France

Bernadette Bouchon-Meunier, CNRS, France Mohamed Boutaveb, University of Nancy, France

Hassane Bouzahir, Ibn Zohr University, Agadir, Morocco

Pierre Bricage, University of Pau, France Mohamed Chadli, University of Picardie Jules Verne, France

Brahim Chaouki, Ibn Zohr University, Agadir, Morocco Ahmed Chitnalah, Cadi Ayyad University

Gerhard Chroust, J. Kepler University Linz, Austria

Danail Dochev, Institute of Information and Communication Technologies, Bulgaria François Dubois, National Conservatory of Arts and Crafts, Paris, France

Abdellah El Fellahi, Abdelmalek Essaadi University, Tetouan, Morocco Lahoucine El Maimouni, Ibn Zohr University, Agadir, Morocco

Moulay Driss El Ouadghiri, Moulay Ismail University, Meknés, Morocco

Abdelhafid Elouardi, Paris XI University, France Mohamed Essaaidi, Mohamed V Souissi University, Rabat, Morocco

Khalid El Yassini, Moulay Ismail University, Meknés, Morocco Mohamed Fayad, San Jose State University, USA

Joan Vila Francés, University of Valencia, Spain

Jaafar Gaber, University of Technology of Belfort-Montbéliard, France Juan Martín García, Polytechnic University of Catalonia, Spain

Jean-Marc Girault, University François Rabelais, Tours, France

Kevin Guelton, University of Reims Champagne-Ardenne, France

Frederic Hamelin, University of Nancy, Fra Cesar Hervás, University of Córdoba, Spain

Wei-Chiang Hong, Oriental Institute of Technology, Taiwan Miguel Lozano Ibáñez, University of Valencia, Spain

Abdellah Idrissi, Mohammed V University Rabat, Morocco Zine El Abidine Alaoui Ismaili, Mohamed V Souissi University, Rabat, Morocco

Hicham Jakjoud, Ibn Zohr University, Agadir, Morocco

Hicham Jamouli, Ibn Zohr University, Agadir, Morocco

Mohamad Khalil, Lebanese University, Tripoli Lebanon

Salah-eddine Krit, Ibn Zohr University, Agadir, Morocco Yuri Kuprin, St. Petersburg State University, Russia

Rachid Latif, Ibn Zohr University, Agadir, Morocco

Ignacio Martínez de Lejarza, University of Valencia, Spain Ahmad Lotfi, Nottingham Trent University, United Kingdom

Francisco Parra Luna, Complutense University of Madrid, Spain Driss Mammas, Ibn Zohr University, Agadir, Morocco

Noureddine Manamani, University of Reims Champagne-Ardenne, France Mohamed Mansour, Swiss Federal Institute of Technology, ETH Zentrum, Switzerland

Antonio Marquina, University of Valencia, Spain

Marcelino Martinez, University of Valencia, Spain Gianfranco Minati, Polytechnic University of Milan, Italy

Yassine Mofid, University François Rabelais, Tours France

Antonio Caselles Moncho, University of Valencia, Spain Matjaz Mulej, University of Maribor, Slovenia

Ahmed Nait-Sidi-Moh, University of Picardy Jules Verne, France Mohamed Nemiche, Ibn Zohr University, Agadir, Morocco

Mario Paolucci, Institute for Cognitive Science and Technology-Rome, Italy

Alexandre Philippot, University of Reims Champagne-Ardenne, France Luis Antonio Quintero, EAFIT University, Medellin, Colombia

José Ragot, Centre de Recherche en Automatique de Nancy, France Muthu Ramachandran, Leeds Metropolitan University, United Kingdom Abdul Raouf, University of Management and Technology, Lahore, Pakistan

Amjad Rehman, Faculty of CS and IT UiTM, Malaysia Juan Carlos Mico Ruiz, Polytechnic University of Valencia, Spain

Sattar B. Sadkhan, University of Babylon, Iraq Juan Gómez Sanchis, University of Valencia, Spain

Alexei Sharpanskykh, University Amsterdam, Netherlands

Emilio Soria, University of Valencia, Spain T.S.B. Sudarshan, Amrita School of Engineering, Bangalore, India

Abdelouahed Tajer, Ibn Zohr University, Agadir, Morocco

Enrique Herrera Viedma, University of Granada, Spain Joseph Yamé, University of Nancy, France

Jianqiang Yi, Institute of Automation, Chinese Academy of Sciences, Beijing, China

Organizing Committee

Younes Belahsen, Tarik Berroug, Fouad El Ouafdi, El Houssaine Farkane, Salah-eddine Krit, Lahoucine El Maimouni, Taoufig Moueddene, Mohamed	FP
Nemiche, Mohamed Oudada, Sally Shafto, Hamid Zidouh	Ouarzazate
Jilali Antari, Moha Ikenne	FP Taroudant
Rachid Latif, Hicham Jamouli, Abdelouahed Tajer	ENSA Agadir
Rafael Pla Lopez, Antonio Caselles Moncho	SESG, Spain
Mohamed Essaaidi	ENSIAS Rabat
Pierre Bricage	IASCYS
Youssef Zaz	FS Tétouan
Nabil Benamar, Moulay Driss El Ouadghiri, Khalid El Yassini	FS Meknés
Rachid Ait Ouarraou	

November 05-06, 2012 Agadir, Morocco

Mediterranean Space of Technology and Innovation organize The International Conférence on Complex Systems (ICCS'12) in partnership with Ibn Zohr University in memory of the late Professor Lorenzo Ferrer Figueras, ex-president of the Spanish Society of General Systems.

The ICCS'12 will provide a high-level, international forum for scientists, researchers, industrial professionals, and students who will present state-of-the-art research results, address new challenges, and discuss trends in Computational Intelligence, Cybernetics, General Systems Theory, and their applications in diverse fields.

All papers will be included in IEEE digital library

and extended version of selected papers will be published in special issues of International Journals

The topics of interest include, but are not limited to:

Fuzzy Set Theory and Fuzzy Systems

Fractals, Chaos Theory and Chaotic Systems

Artificial Neural Networks

Genetic and Evolutionary Algorithms

Adaptive Agents and Multi-agent Learning

Multi-agent Social Simulation and Cognitive Modeling with Agents

Agent-Based Modeling and Simulation

Agent and Multi-agent Architectures

Game Theory, Strategic Decision-Making in Competitive Environments

Modeling and Control Systems

Diagnosis and Fault-tolerant Control Systems

Hardware-Software Co-Design, Embedded Systems

Complex Biomedical Engineering

Complex Dynamic Systems and Globalization

General System Theory and Methodology

Complex Social and Ecological Systems

Economical, Political and Juridical Systems

Socio-Cultural and Behavioral Modeling

Mathematical Methods in Cybernetics and Systems Theory

Sociocybernetics and Mathematical Sociology

IMPORTANT DATES

Final version due

Submission deadline Notification to authors

: April 30, 2012 : June 30, 2012 : July 28, 2012

ICCS'12 Conference : November 05-06, 2012

CONTACT INFORMATION

Mohamed Nemiche

Phone: +212-(0)-666 293 046 E-mail: nemiche@uv.es

www.iccs12.org





















