



**The International
Academy
for Systems and
Cybernetic Sciences**



*Official Newsletter of the
International Federation for Systems Research*

Editor-in-Chief: Gerhard Chroust



Melker Stiftskeller, location of the Information Meeting, April 26, 2014

April 12, 2014

the IFSR members:

Association Française des Sciences des Systemes
Asociacion Latinoamericana de Sistemas
Asociacion Mexicana de la Ciencia de Sistemas
Asociacion Mexicana de Sistemas y Cibernetica
Australian and New Zealand Systems Society
American Society for Cybernetics
Bertalanffy Center for the Study of Systems Science
Business Systems Laboratory
Bulgarian Society for Systems Research
Centre for Hyperincursion and Anticipation in
Ordered Systems
The Cybernetics Society
Asociacion Argentina de Teoria General de
Sistemas y Cibernetica
Deutsche Gesellschaft fuer Kybernetik
Global Institute of Flexible Systems Management
Groupe d'Intervention et de Recherche en
Organisation des Systemes
Greek Systems Society
Gesellschaft fuer Wirtschafts- und Sozialkybernetik
Croatian Interdisciplinary Society
Hellenic Society for Systemic Studies
Heinz von Foerster Gesellschaft
Instituto Andino de Sistemas
International Institute Galileo Galilei

International Institute of Informatics and Systemics
International Council on Systems Engineering
Institute for the Study of Coherence and Emergence
International Systems Institute
International Society of Knowledge and Systems
Science
International Society for the Systems Sciences
Japan Association for Social and Economic
Systems Studies
The Korean Society for Systems Science Research
Metaphorum Group
Management Science Society of Ireland
Oesterreichische Studiengesellschaft fuer
Kybernetik
Pentagram Research Centre Private Limited
International Sociological Association, ISA-RC51 on
Sociocybernetics
Systemes & Organisations ASBL
Slovenian Society for Systems Research
Systems Engineering Society of China
Sociedad Espanola de Sistemas Generales
Systeemgroep Nederland
The Learned Society of Praxiology
World Complexity Science Academy

Chengdu 成都, Sichuan 四川省的省会, China, 24-27 October

first
2010 General Assembly of International Academy of Systems and Cybernetic Sciences

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IASCYS
President

Gary METCALF
IFSR
President

Ranulph GLANVILLE
IASCYS
Vice-President

Pierre BRICAGE
IASCYS
Secretary General

Jifa GU
IASCYS
Vice-President

Gerhard CHROUST
IFSR
Secretary General



Intentions

Two IFSR board sessions -and particularly the IFSR Board session on 26 March 2008 in Vienna, Austria-, several Executive Committee (EC) of the IASCYS sessions (mostly by e-mail), and many discussions with many members of IFSR member associations around the world, and finally the stand of the first General Assembly (GA1) at Chengdu in October 2010 helped us to the official IASCYS establishment with - the statutes of the Academy, - the *new criteria* of recruitment of the Academicians, - the ethical point of views of the Academicians during the first GA1 discussions.

The 2 first major missions of the IASCYS are,
through the co-ordination of the actions of the IFSR member associations:

- - to create a basis of an internationally accepted frame-work curriculum in systemics and cybernetics,
- to create an auditing process aimed at validation and promotion of education in systemics and cybernetics.



The European Meetings on Cybernetics and Systems Research traditionally focus on the foundations of system thinking across a variety of disciplinary domains and on its possible and intended impact on society and the amelioration of the human condition.

→ **The EMCSR-PhD Colloquium** is designed to promote inter- and trans-disciplinary research on various fields amenable to the system sciences as a means of disseminating ideas and concepts to other areas of system thinking and action and/or to support initiatives in system sciences education. **The Colloquium invites all original and unpublished contributions to the field for consideration in competition for the prestigious Ludwig von Bertalanffy Young Scientist Award.** After a round of selection, each admitted applicant attends all sessions associated with the EMCSR PhD-Day, not only as a speaker but also as a discussant to the contributions of all the other participants.

→ *The Ludwig von Bertalanffy Young Scientist Award* focuses on the inter- and trans-disciplinary capabilities of contestants as well as on their ability to incorporate the principle of “unity through diversity” in the content and application of their work. The award recipient is chosen on the basis of their ability to address a broader community of scholars and scientists with research that can also be understood by interested non-specialists of the field. The recipient of the award is recognized for **the best integrative trans-disciplinary work presented at the EMCSR PhD Colloquium.**



<http://iascys.org>

April 13, 2012

1st Ludwig von Bertalanffy Young Scientist Award from BCSSS

Jessica Dylan Foley
from Trinity College, Dublin, Ireland

*The Important Case of Poetry, Telecommunications Engineering
and von Bertalanffy's General System Theory.*

won the PhD day competition during the 2012 EMCSR

Ingenious

art | technology | engineering

12 – 14 February_14

***Postcards from the near Future: Towards
Communicating Communications***

2014 IEEE Global Engineering Education Conference : **EDUCON 2014**

www.jessicafoleywriting.wordpress.com

For achieving parts of its missions (<http://iascys.org>), for the second time, with the BCSSS, the Academy co-organized the **PhD day during the 2014 EMCSR in Vienna (Austria)**.

A particular attention was again worn in the composition of the jury, by our General Secretary. With regard to the first edition (2012) the jury was half renewed pointing to the experts diversity of origins and skills.





PhD Colloquium & Award

BCSSS

EMCSR 2014

BSSS president, Austria
Wolfgang Hofkirchner

emcsr

European Meetings
on Cybernetics and
Systems Research

IASCYS



IASCYS Secretary General
Pierre Bricage, France

TEACHER

- 2015 AALTO UNIVERSITY, HELSINKI UNIVERSITY & Hanasaari CULTURAL CENTRE for SWEDEN in FINLAND urban design course & competition on social-ecological urban design for invited students from all Nordic countries
- 2016 spring design workshop in Dessau, Germany at the Bauhaus (UNESCO World Cultural Heritage)
- 2016 summer University course on smart cities Helsinki-Copenhagen Urban Challenges, Aalto University & Copenhagen business school

CITIZENSHIP & HONORARY ENGAGEMENT BENEVOLENT TEACHER

permaculture, composting event, recycling, community building, local initiatives events: flea markets, clothes and children toys swap, bread baking, wild herb use

ACADEMIC LECTURER at AALTO UNIVERSITY <http://acs.aalto.fi>

The Creative Sustainability multidisciplinary MA program:
courses on sustainability, architecture and urban design

INVITED SPEAKERIN

- The Finnish Association of Landscape Industries VYL
- The 2016 EMCSR conference avant-garde, Wien, Austria

EMCSR 2014



PhD Colloquium & Award

Katri-Liisa PULKKINEN, Architect M.Sc., Researcher,
EUE – Energizing Urban Ecosystems Research Group
YTK – Land Use Planning and Urban Studies Group
Department of Built Environment, School of Engineering,
AALTO University, FINLAND, katri.pulkkinen@aalto.fi




emcsr

avant
garde

March 30 to April 1, 2016

GET ENGAGED IN THE CONVERSATIONS! TAKE YOUR SEAT AT THE ROUND TABLES!

Those days you all are peer reviewers to choose the most inspiring and impactful contribution of the emcsr avantgarde 2016.



You vote the winner of the Bertalanffy
Young Scientist Award 2016!

Sigmund Freud
Private University Vienna
Campus Prater
Freudplatz 1
1020 Wien
www.sfu.ac.at

Room 2002 (2nd floor, 100 people)
Ludwig von Bertalanffy Young Scientist Award

RULES OF THE GAME:

All contest participants will take their seats at their thematic Round Tables and present their key findings and ideas in a 10 minute kick starter speech.

They will start their conversation within their own panel, challenge each other and at the same time draw connections between their projects.

Now everyone in the audience is welcomed to join the conversation!

We want to co-create knowledge and find the one who contributed most in **Knowledge, Inspiration and Potential for Future Impacts in Science and Society**.



<http://iascys.org>

WORKSHOPS

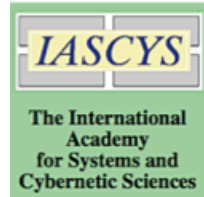
TEACHING SYSTEMS & CYBERNETIC SCIENCES **IN HIGHER EDUCATION**

Chengdu, Sichuan, Popular Republic of CHINA, October 24-27, 2010.

SOCIAL RESPONSIBILITY **TOWARDS A FORMAL WAY FOR A SYSTEMIC BEHAVIOUR** **Brussels, Belgium, EUROPA, October 19-22, 2011.**

GENERAL SYSTEM THEORY & METHODOLOGY **Agadir, Morocco, AFRICA, November 5-6, 2012.**

Social and environmental responsibility: balancing individual and collective actions (IASCYS Symposium)



Complexity of social responsibility

Matjaž Mulej

IRDO Institute for development of social responsibility & University of Maribor
Faculty of Economics and Business, Maribor, Slovenia, e-mail: mulej@upr.si

Anita Hrast
Zdenka Ženko



Why unemployment is so high in Spain?: a look from an axiological systemic perspective

Francisco Parra-Luna
IASCYS



Approach to societal risk measurement by on-line community concerns



Xijin Tang

Professor



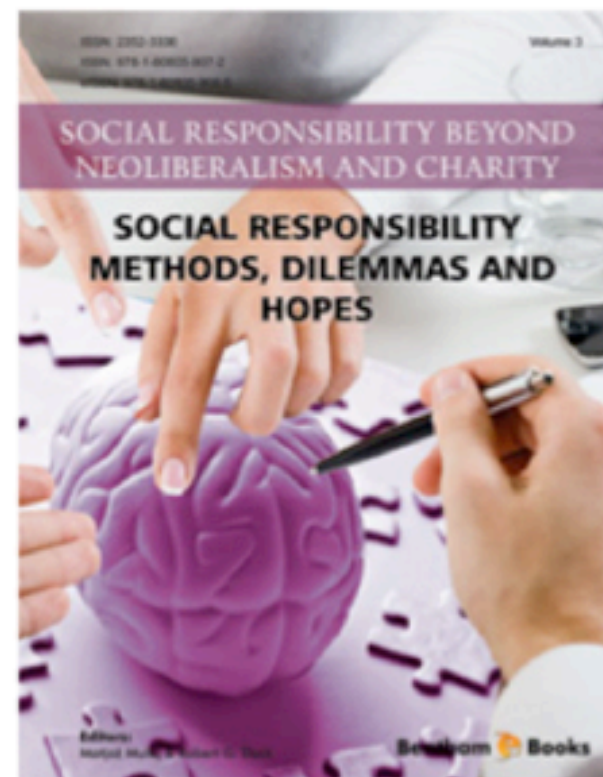
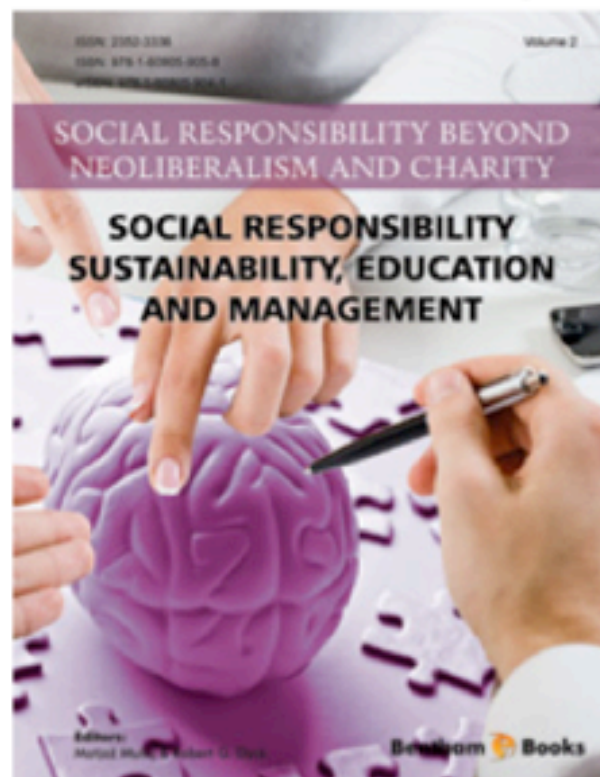
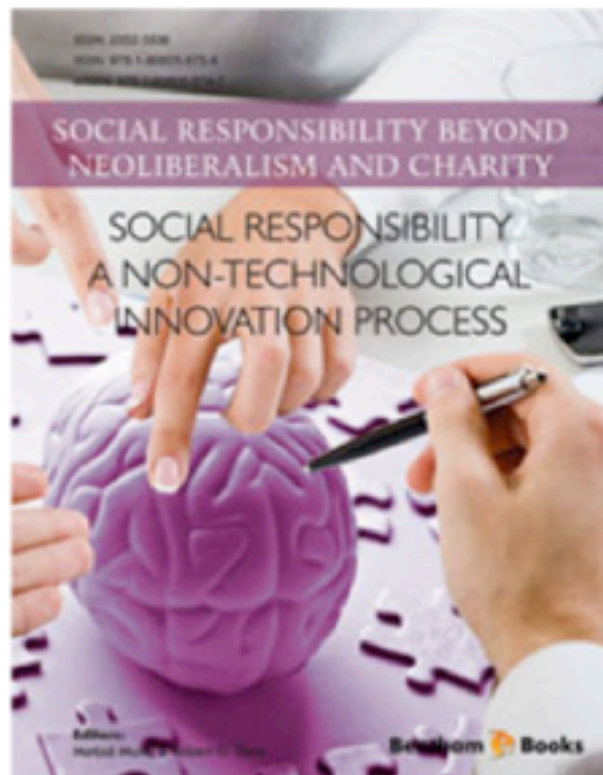
Chinese Academy of Sciences
Institute of Systems Science
China

What could future learning structures look like and why would we care? The praxis of complex adaptive systems and learning structures



Dr. Susu Nousala
Aalto University, Finland

Researcher in sustainable design
University of Melbourne, Australia
Research Fellow at the (Australasian Centre for the Governance and Management of Urban Transport)
Faculty of Architecture, Building and Planning






Globalization and self-organization in the construction of our worlds

Multilingual
Conference

2014

 ues-wosc.com/ues/

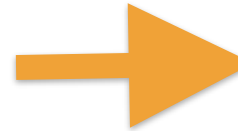


Valencia (Spain)



World
Organisation
of Systems and
Cybernetics
WOISC

Ibagué (Colombia)



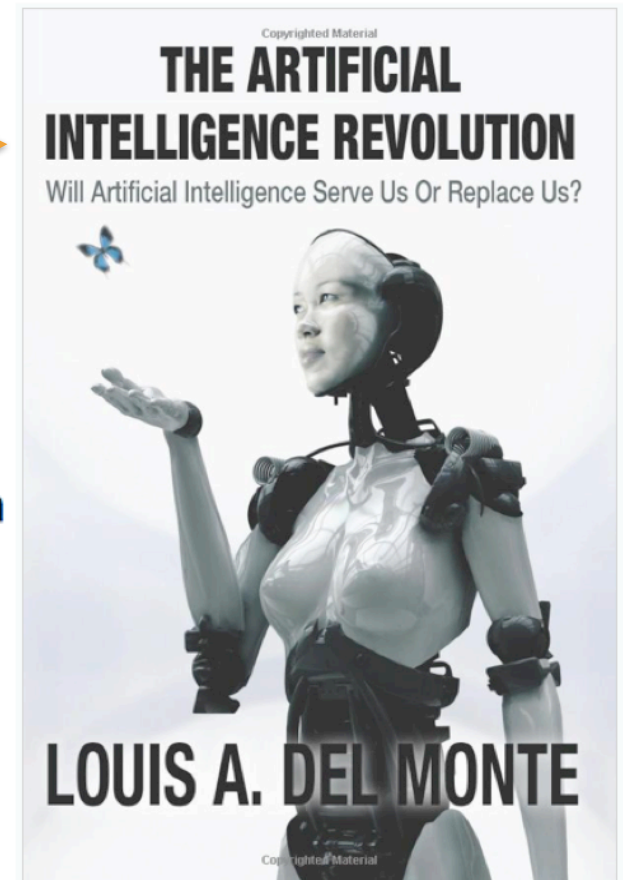
José Hernández-Orallo

Dept of **Information Systems and Computation**
Technical University of Valencia (UPV), Spain

Ph.D. in Logic *doctoral extraordinary prize*
from the University of Valencia

artificial intelligence, intelligence evaluation,
machine learning and information systems

four books and
a hundred journal articles & conference papers





Academy
SPONSORING
Year 2014

UES-EUS
Valencia
Spain

EUS - UES
European Union for Systemics

WCCS
Agadir
Morocco



WCSA
Budapest
Hungary

WIENER
Boston
USA



Inštitut za razvoj
družbene odgovornosti
**Maribor
SLOVENIA**
IRDO
Institute for
the Development
of Social
Responsibility

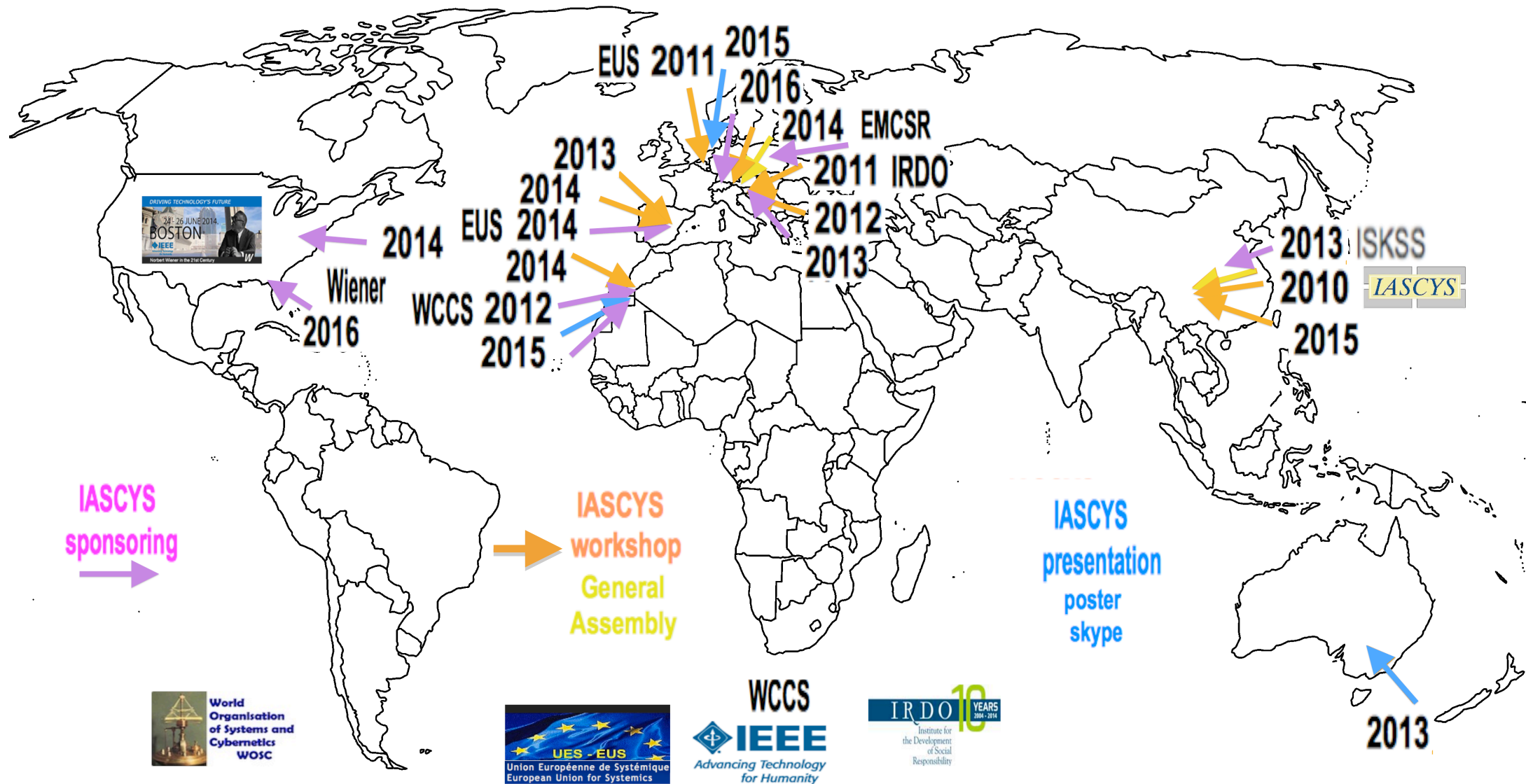
ASC
Washington
USA



ISSS
Washington
USA



EMCSR
Vienna
Austria



IASCYS Executive Committee (Chengdu, Sichuan, P.R. China, October 2015)

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number of Academicians: **35**



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