

INTERSYMP 2017
29th International Conference on
Systems Research, Informatics and Cybernetics
to be held at Ludwig-Markgraf-Gymnasium,
Hardstrasse 2, Baden-Baden, Germany
July 31-August 4, 2017

CALL FOR PAPERS

SYMPOSIUM ON

REVERSIBLE TIME, RETARDATION AND
ANTICIPATION IN QUANTUM PHYSICS, BIOLOGY
AND CYBERNETICS

Organized and Chaired by Prof. Dr Ir Daniel M. DUBOIS

The Paper Submission Guidelines, the Copyright Transfer Form and the Conference Registration Form are available at the Home page of the International Institute for Advanced Studies (IIAS) at: <http://www.iias.edu>

SYMPOSIUM TOPICS

This symposium deals with systems in quantum physics, biology and cybernetics depending on space and reversible time, but also with retardation and anticipation. Authors may submit papers dealing with a research in modelling and simulation in their field of expertise. Conceptual, logical, mathematical models may be proposed, but also discrete, algorithmic and simulation models. Models with differential equations are important, with their discrete simulation algorithms. A great interest exists in models with reversible time, retardation and anticipation.

Firstly, in quantum physics, authors are invited to present a paper in mathematical physics where reversible time plays a central role, for example in cellular automata, wave-particle interference effects, the Feynman-Wheeler advanced and retarded waves, and in relativity and gravitation.

Secondly, in biology, authors are invited to present a paper dealing with the presentation models and simulations of cognition, reversible memory, consciousness, free will, mind and body.

Thirdly, in cybernetics, authors are invited to present a paper in neural networks, artificial intelligence, artificial life, robotics, and reversible programming, information technology and engineering.

Invitation to authors to submit an abstract and a full paper

An extended abstract of 200 words as a maximum must be submitted for initial evaluation.

Author of accepted abstract will be encouraged to submit full paper of 5 single-spaces typed pages prepared according to the “Instruction to Authors” posted at the IIAS website: <http://www.iias.edu>

All submitted paper will be peer reviewed and accepted on the basis of their quality and relevance for the disciplines addressed.

The accepted paper of registered authors will be scheduled for presentation and published in a Conference Proceedings volume.

A strict adherence to Registration Procedure and Instructions to Authors is required for publication of your paper as detailed at the Conference Website: <http://www.iias.edu>

Submission of abstract and full paper

Abstracts, as well as the full papers, must be submitted electronically by email as attachment in Word format to:

Prof. Dr Ir Daniel M. Dubois, Symposium Chairman,
Email: daniel.dubois@ulg.ac.be
URL: <http://www.sia.hec.ulg.ac.be>

and

Prof. George E. Lasker, Conference Chairman, InterSymp 2016
President, International Institute for Advanced Studies (IIAS)
Email: lasker@uwindsor.ca

Deadlines for submission of abstract and full paper:

Abstract submission: March 30, 2017

Notification of acceptance: April 9, 2017

Full paper submission due: May 9, 2017

Formatted full paper due: May 31, 2017