

INTERSYMP 2019

The 31th International Conference on Systems Research, Informatics and Cybernetics. The 39th Annual Meeting of the International Institute for Advanced Studies in Systems Research and Cybernetics
**to be held at Ludwig-Markgraf-Gymnasium,
Hardstrasse 2, Baden-Baden, Germany**

July 29-August 2, 2019

CALL FOR PAPERS

Symposium on

CAUSAL AND ANTICIPATIVE SYSTEMS IN LIVING SCIENCE, BIOPHYSICS, QUANTUM MECHANICS, RELATIVITY

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

SYMPOSIUM TOPICS

This symposium is for you! It is the place to present your last research. Any scientific subject is interesting to be analyzed.

Many methods exist. The richness of a study deals with the originality of the investigation of the problem to be resolved. The biggest tool is the multi-disciplinary and the trans-disciplinary ways of thinking.

Two examples: Mathematical theory of free will in quantum mechanics can be used in the study of conscious free will in neurosciences. Discrete algorithms in computer science may be at the basis of a new theory of discrete physics, like the hyperincursive discrete Dirac equation.

So, I am waiting for your paper.

This symposium deals with the modeling and simulation of physical and biological systems depending on causality, but also with anticipation.

Authors are invited to submit papers in their field of expertise.

Conceptual, logical, mathematical models may be proposed.

Models with differential equations are important, with their discrete simulation algorithms.

In living systems a great interest exists in models with retardation and/or anticipation. Authors are invited to present a paper dealing with the presentation of research in neurosciences, cognition, free will, consciousness, mind and body, and biological, ecological, societal, economical, and environmental systems.

In cybernetics and biophysics, authors are invited to present a paper in neural networks, artificial intelligence, artificial life, and robotics.

In physics, authors are invited to present a paper in mathematical methods, quantum free will, quantum entanglement, advanced and retarded waves, relativity, and gravitation.

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>

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 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 2019
President, International Institute for Advanced Studies (IIAS)
Email: lasker@uwindsor.ca

Deadlines for submission of abstract and full paper:

Abstract submission: March 30, 2019

Notification of acceptance: April 9, 2019

Full paper submission due: May 9, 2019