

# CALL FOR PAPERS

IIAS - 2017

## 15th Special Focus Symposium on ART AND SCIENCE

Chaired by

**Prof. Dr. Em. Karel Boullart**  
**Dr. Hiltrud Schinzel, Magister Artium**

Papers and projects are invited for presentation at the 15<sup>th</sup> Special Focus Symposium on Art, Science and Humanities. This Symposium will be a part of the 29<sup>nd</sup> International Conference on Systems Research, Informatics & Cybernetics, which will be held from July the 31<sup>st</sup> to August the 4<sup>th</sup> in Baden-Baden, Germany, 2017, in conjunction with the 37<sup>th</sup> Annual Meeting of the International Institute for Advanced Studies in Systems Research and Cybernetics.

Abstracts for paper proposals and proposals for performances will be reviewed by Prof. Dr. George Lasker, Prof. Dr. Karel Boullart, Prof. Dr. Hiltrud Schinzel and other referees.

Scientists and artists acting individually as well as interdisciplinary are invited to submit in one of the following formats:

- Academic research paper
- Report on practice-based work and/or educational program
- Philosophical essay.

We encourage variety in presentation format.

The aim of the art & science meeting from its beginning in 2003 has been to present and discuss interdisciplinary investigations between the domains of science and art including avant-garde research and paradigms of interdisciplinary cooperation. In the course of 14 symposium years the vital importance of such uniting due to global developments got more and more evident. Hence scientific investigation and presentation of research projects and artistic performances in different genres, as well as theoretical philosophical considerations, in a way tended to 'merge'.

The last year brought to light a tentative climax of a long-term development we described in our cfp 2015. Recent elections show very clearly obvious general faults of today's communication: one operates with deterrence instead of meaningful contents, with threat instead of understanding. In this concept of manipulative persuasion according to post enlightenment attitudes the sense of votes namely to improve living together with respect and care gets lost. *It is more about attitude and a sense of being on the same team than it is about policies and ideas* (<http://www.vanityfair.com/news/2016/11/my-descent-into-the-right-wing-media-vortex>). This ruling concept seems to block any responsible action. Hence reasoning seems to be no longer based on the analytical logic of science structured by enlightenment thinking. Evidently the sciences disappointed: sometimes because of erring, yet, most times because of 'engineered' malpractice of their theses. Consequently reasoning is replaced by strong, often reactionary emotions that can be as dangerous as an atomic reactor's wear and tear. Nevertheless people – paradoxically at the same time - long for both: change as well as stability due to - understandably - distrusting most concepts offered today. To find means for a reliable change however needs phantasy as well as honesty.

Research and artistic expression share with human emotion the constant state of change. Hence they can function as tools to regain meaning in any field of human thought and action. The aim of our art&science symposia was and is re-enforcing such potential. Characteristics of both fields could be accentuated in the 15<sup>th</sup> symposium according to topical needs.

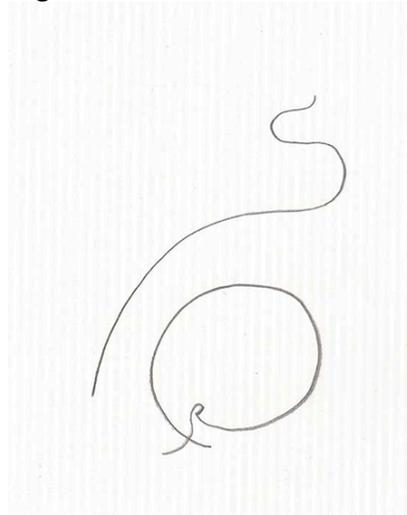
Let us show how by using a metaphor:

Although the circle aesthetically is highly appreciated as the most comfort-satisfying geometrical structure in the arts, the *arrow of time* to which science is attached, cannot bend properly to its curve. Yet: nature and art offer many compromises. The art & science symposia were and are aimed at being a forum for such compromise.

Visual examples below by Slobodan Dan Paich, drawings 2016:



Connected



Two sympathetic lines meet in their intention

We encourage newcomers as well as habitual participants of the art & science symposium to support and continue our interactive progressive efforts by including past and present ways and examples of how honest information in science and pertinent artistic expression can support perseverance in a globally spreading hysteria of fear and thus can oppose the ensuing aggressiveness.

As guidelines we propose the following themes and issues for reflection and debate, as stated from the beginning of the symposium:

1. Contribution pertaining to the clarification of relationships between art and science (including systems research). The intention is to help determine how art and science can learn and benefit from each other for common humane aims.
2. Contributions may also focus on analysis of examples and on case studies concerning collaboration between artists and scientist stimulating '*rapprochement*' between art and science and their impact on the problem of social harmony and peace.
3. Contributions concerning how art and science are or can become conducive to promote or establish harmonious relationships between people: either by their impact and effect due to their intrinsic properties or by mental and behavioural attitudes due to the psychological and sociological mind-set they can support. Theoretical papers, case studies and/or artistic performances are equally welcome.
4. As we live in a dynamic universe characterized by evolution at all levels, evolution in science and in the arts, their interface, their relation to society, etc. are of high interest for the symposium.

5. The four points described are linked and sometimes cannot be separated. Therefore contributions combining the perspectives indicated in a creative and innovative way are likewise welcome.

**Interested persons please contact symposium chair:**

**Prof. Dr. Karel Boullart**

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**and**

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**as well as General Conference Chair:**

**Professor George E. Lasker**

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**The Paper Submission Guidelines, the Copyright Transfer Form and the Conference Registration form are available at the Home Page of the IIAS at <http://www.iias.edu>**

Paper Proposals/Abstracts up to 300 words and proposals of performances should be submitted **as soon as possible**, but not later than **February 15<sup>st</sup> 2017** to Karel Boullart, Hiltrud Schinzel and to George Lasker for evaluation. All proposals will be judged based on scholarly quality, originality and potential for further discourse. Papers must be written in English. Abstracts may be submitted via e-mail (Microsoft Word) to the organizers.

All submitted papers will be refereed. Those selected will be scheduled for presentation and published in Conference Proceedings.

Authors of selected proposals will be invited to submit a final paper of approximately 2500 words including references (not to exceed 5 single spaced typed pages) and, as in previous years, will be invited to give a 20-minute presentation plus 10-minute discussion session as part of the 2017 Symposium.

Conference Proceedings will be published by the International Institute for Advanced Studies in Systems Research and Cybernetics, and will be available to all registered participants at the time of the Conference.

Your strict adherence to our **Registration Procedure** and **Instructions to Authors** is required for publication of your paper. For the **Registration** and **Instructions**, please visit our Website: HYPERLINK "<http://www.iias.edu>" <http://www.iias.edu>).

The full papers should be submitted to Karel Boullart and Hiltrud Schinzel by **April 15<sup>th</sup> 2017** at the addresses above.

Your final paper (by E-mail attachment of standard Word file) must reach us and Prof. Lasker [Lasker@uwindsor.ca](mailto:Lasker@uwindsor.ca), as well as Prof. Andreas Tinsz (Chief Administrative Officer, E-mail: [office@iias.info](mailto:office@iias.info)), respectively, by **May 9<sup>th</sup>, 2017**.

**Please note that all symposium participants are responsible for their own travel, accommodation and registration fees.**

**Important Dates:** Abstract due: **February 15<sup>st</sup> 2017**  
Full Paper due: **April 15<sup>th</sup> 2017**  
Final Paper due: **May 9<sup>th</sup>, 2017.**

**The Special Focus Symposium is sponsored by  
The International Institute for Advanced Studies  
in Systems Research and Cybernetics  
and  
Systems Research Foundation**

**Further information about the Conference is available at: <http://www.iias.edu>**