

CALL FOR PAPERS

IIAS - 2019

17th Special Focus Symposium on

ADVANCES IN ART AND SCIENCE

Chaired by

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

Papers and projects are invited for presentation at the 17th Special Focus Symposium on Advances in Art, Science and Humanities. This Symposium will be a part of the 31st International Conference on Systems Research, Informatics & Cybernetics, which will be held from July the 29th to August the 2nd in Baden-Baden, Germany, 2019, in conjunction with the 40th 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.

Advances in Art & Science is a think-tank that now reached its sweet 17th year. It grew up and developed with persistent long-term as well as flashing up short-term members and ideas. 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.

In the last years we could notice at IIAS a continuous shift from traditional rule-guided scientific structuring to an opening up for new and artistic approaches. This fact showed that although artistic development resembles a wave always in flux, continuously new accents in the arts appear between the poles the natural and the technical. Insofar art balances between these two sources that feed its own roots as well as those of the sciences.

In the human mind consciousness of technical inventions seems to have passed the usual sequence of euphoria followed by disappointment. As became transparent in our symposia for the mentally young today any new technology is self-evident and for many equally self-evident is it's being chained to natural roots including the arts. Thus for the first time nature and technology can be and are judged without competitive efforts supporting a hierarchy between their structures. Artists can avoid any ideology by the multimedia ways that opened up by new technologies, a fact that our last symposia's lectures and discussions showed quite clearly: Multimedia and multi methodology offer finding one's individuality in reality and dream. Most artistic outcomes and products show this by self-evidently connecting actual fact and factual fact (terms introduced by artist Josef Albers, factual meaning truth of a system quantitatively, actual meaning truth of experience qualitatively).

Thus, the main characteristic of art today is self-evidently connecting both a given (actual) as well as a systematically idealized (factual) state of the now. This, according to our knowledge, is new in (art-)history. It has in consequence that raise of quality of experience that is needed in a world flooded by continuously rising sense impressions. Consequently, artists often connect contemporary technology with archaic sensual experience. This relation shows best in the performing arts including AI.

Artists as well as the public even in pressing living conditions globally are eager to pursue this course as in such a way quantity of media means and quality of their effects are able to merge. Although bondage between nature and technique for the human mind is a state sine qua non, artist and scientist him/herself might be not always aware of this fact. Here Advanced Art&Science docks. Continuously linking scientific research with artistic insight is vital to upgrade the exciting interrelation of the arts with the sciences.

As usual newcomers as well as habitual participants of the advances in art & science symposium are encouraged to support and continue our interactive progressive efforts by including ways and examples of how honest information in science and pertinent artistic expression can support peaceful cultural co-existence.

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 artist 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 behavioral 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:

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and

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as well as General Conference Chair:
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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 19st 2019** 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 discussion. 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 2019 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 15th 2019** at the addresses above.

Your **final paper** (by E-mail attachment of standard Word file) must reach us and Prof. Lasker Lasker@uwindsor.ca, as well as Prof. Andreas Tinsz (Chief Administrative Officer, E-mail: office@iias.info), respectively, by **May 15th, 2019**.

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

Important Dates: Abstract due: February 19st 2019
Full Paper due: April 9th 2019
Final Paper due: May 9th, 2019.

The Special Focus Symposium is sponsored by
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Further information about the Conference is available at: <http://www.iias.edu>