



CALL FOR PAPERS

COART2009

Complexity Theory of Art and Music

One-day workshop after final day of the main conference COMPLEX'2009

The First International Conference on Complex Sciences:
Theory and Applications will be held in Shanghai, China, on 23-25 February,
2009. You are cordially invited to submit a paper to our Satellite
Workshop “COMPLEXITY THEORY OF ART AND MUSIC” co-located with
COMPLEX'2009

Recent studies have revealed in many artworks and pieces of music such features of complex systems as power law, small-world phenomenon, and so on. It is clear that all features of artworks and music (at least what have passed check by time) should obey to the principles of the brain functioning, for instance, to the principles of patterns recognition. The aim of this satellite workshop is to investigate how ubiquitous and universal are complex properties in art and music and try to understand the relations of art and music features with the brain working.

Workshop Organizer:

Igor Yevin (Chair) Russian Academy of Sciences, Moscow, Russia
E-mail: yevin@list.ru

Workshop Coordinator: Svetlana Apenova, Moscow, Russia
E-mail: s_apenova@mail.ru

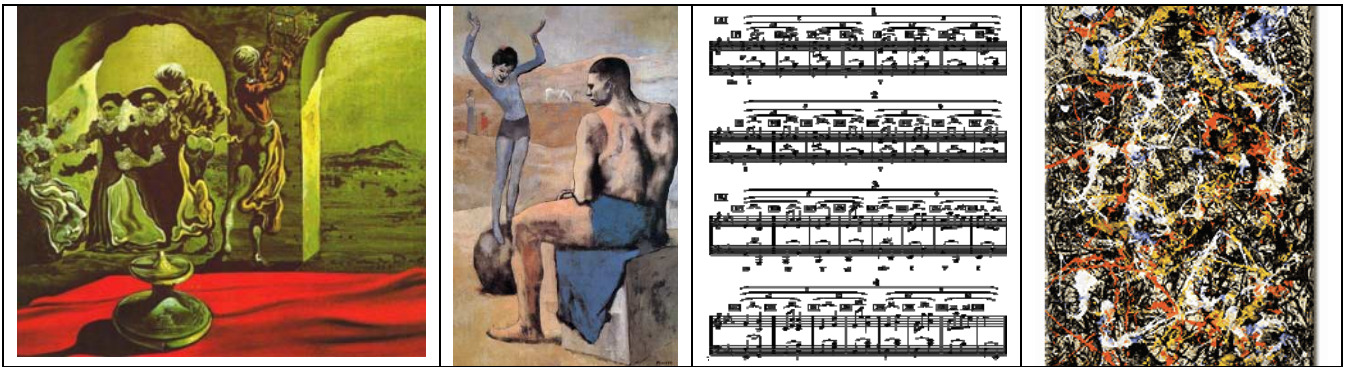
Webmaster: Yubo Wang

Program Committee

Damian Zanette Centro Atómico Bariloche and Instituto Balseiro, Rio Negro, Argentina, **Chair**
Alexander Koblyakov Moscow State Conservatory, Moscow, Russia
Gyorgy Darvas Symmetry Association, Budapest, Hungary
Edward Large Center for Complex Systems and Brain Sciences, Florida Atlantic University, USA

Main topics of interest (but not limited to)

Fractals in artworks
Zipf's law in art and music
Networks and small-world phenomenon in art and culture
Ambiguity in art and music
Models of patterns recognition and art perception
Theory of information
Symmetry and symmetry breaking in artworks
Compositional balance in painting



Participant should register just for the workshop. Organizing Committee also offer a discounted price if you wish to attend the main Conference

SUBMISSION INSTRUCTIONS

Paper submission will be handled electronically. Authors should prepare an Adobe Acrobat PDF version of their full paper. Papers should not exceed **ten(10) pages** in LNICST format. Please visit the **Submission** page for detailed submission requirements and procedures.(Web address of the main Conference <http://www.complex-sys.org/>)

Papers presented at this conference will be published as a part of the
Lecture Notes of the Institute for Computer Sciences, Social-Informatics and
Telecommunications Engineering (LNICST) series of Springer

Important dates:

November 12, 2008 : Deadline for submitting full paper
December 01, 2008 : Notification of acceptance or rejection
December 10, 2008 : Authors provide camera-ready manuscripts
February 26, 2009 : Workshop Day