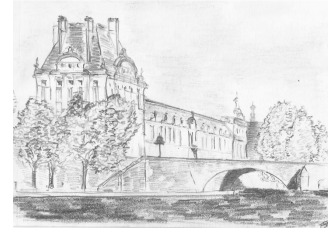


Artificial Evolution 2017 (EA2017)

The 13th (since 1994) Biennial International Conference on
Artificial Evolution



organized/brewed by
the French Association *Évolution Artificielle*
ISC-PIF, INRA & INRIA
<http://ea.inria.fr/>



Paris - France - 25-27 October 2017

Important dates

Submission deadline extended to June 15, 2017

Notification of acceptance : 15 July 2017

Camera-ready paper : 1st september 2017

The Biennial International Conference on Artificial Evolution (EA-2017) will celebrate its 13th anniversary from 25 to 27 October 2017 in Paris, France.

Topics of interest : Authors are invited to submit original papers related, but not limited to :

- Evolutionary computation, evolutionary optimization, coevolution, natural computing, soft computing.
- Artificial Life, population dynamics.
- Theory, algorithm design and evaluation, implementations, parallelizations.
- Application of evolutionary paradigms to the real world (biosciences, industry, socio-economic sciences etc).
- biologically-inspired metaheuristics (swarm intelligence, artificial ants, artificial immune systems, cultural algorithms, etc).
- Memetic algorithms, multi-objective optimization, interactive optimization, constraint handling, dynamic optimization, etc.
- Hybridization with other soft computing techniques like machine Learning or fuzzy logic.
- Evolutionary robotics, education, visualization, interactive design and artistic applications.

EA2017 is supported by INRA, INRIA, AgroParisTech, Polytech Tours, GDR MACS, LocalSolver.

The 2017 EA conference will continue the tradition which has been progressively established during its previous editions :

Quality : With a rigorous selection by a high profile International Program Committee, the selected papers (12 pages, LNCS format) are planned to be published by Springer (like for all previous editions).

Depth : The single session formula of 30mn presentations eases fruitful exchanges between authors and participants.

Best value : As a non-profit conference, only minimal conference fees are required to cover conference facilities, proceedings, lunches, coffee breaks, a social event and the banquet dinner.

Committee

Chair : Evelyne Lutton.

Steering Committee : Nicolas Monmarché, Marc Schoenauer.

Organizing Committee : Pierre Collet, Nadia Boukhelifa (Local), Alberto Tonda (Local), Aurelien Duméz (Web Admin), Laetitia Jourdan (Publicity), Piererrick Legrand (LNCS publication), Lhassane Idoumghar (Treasury), Anne Jeannin-Girardon (Myreview Submissions), Pierre Parrend (Proceedings/Booklet), Emmanuel Cayla (Art Exposition).

Program Committee : (see web page)

Side Events

18-24 Oct COST ImAppNIO Training School, organized by the European COST Action CA15140 (Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice). **Contact** : Thomas Jansen (chair) and Carola Doerr (vice chair), see <http://imappnio.dcs.aber.ac.uk/>.

Art&Science in Evolutionary Computation, art exposition with Galerie Louchard, Paris. **Contact** : nicolas.monmarche@univ-tours.fr and evo@galerielouchard.paris