

Artificial Evolution 2019 (EA2019)

The 14th (since 1994) Biennial International Conference on
Artificial Evolution

<http://ea2019.inria.fr/>



Organized/brewed by
the French Association
Évolution Artificielle
<http://ea.inria.fr/>



Mulhouse - France - 28-30 October 2019

Important dates : Submission deadline : 30 April 2019
Notification of acceptance : 15 July 2019
Camera-ready paper : 1st September 2019

The Biennial International Conference on Artificial Evolution (EA-2019) will celebrate its 14th anniversary from 28 to 30 October 2019 in Mulhouse, 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.

EA2019 is supported by : (to be completed)

- IRIMAS
- FST
- Region Grand Est
- Université Haute-Alsace
- ROADEF
- Inria

The 2019 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 (do not exceed 14 pages, in Springer LNCS style) 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.

Committees

Chair : Lhassane Idoumghar.

Steering Committee : Pierre Collet, Pierrick Legrand, Evelyne Lutton, Nicolas Monmarché, Marc Schoenauer.

Organizing Committee : Bruno Adam, Mathieu Brévilliers, Germain Forestier, Fabrice Lauri, Julien Lepagnot, Yvan Maillot, Laurent Moalic, Mahmoud Melkemi, Dominique Schmitt, Jonathan Weber, Mounir Bendali-Braham, Mokhtar Essaid, Hassan Ismail Fawaz, Soheila Ghambari, Julien Kritter, Hojjat Rakhshani, Imene Zaidi (local organisation), Aurelien Dumez (Admin Web), Laetitia Jourdan (Publicity), Anne Jeannin-Girardon & Pierre Parrend (Myreview Submissions), Pierrick Legrand (LNCS Publication, Website), Arnaud Liefoghe (LNCS Publication, Booklet).

Program Committee : See web page