

# Artificial Evolution 2022 (EA 2022)

The 15th (since 1994) Biennial International Conference on Artificial Evolution

organized/brewed by the French Association *Évolution Artificielle*

<http://ea2022.inria.fr/>



Exeter - Devon, South West England  
31 October, 1 & 2 November 2022

## Important dates

Submission deadline: 31 May 2022

Notification of acceptance: 31 July 2022

Camera-ready paper: 15 September 2022

The Biennial International Conference on Artificial Evolution (EA 2022) will celebrate its return for its 15th anniversary in Exeter, and for the first time in England.

**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.

The EA 2022 conference will continue the tradition of real life interactions between all generations of researchers which has been progressively established during its previous editions:

**Quality:** With a rigorous selection by a high profile international program committee, the selected papers (regular 14 pages, or medium 6-8 pages LNCS format) are planned to be published by Springer (as for all previous editions).

**Depth:** The single session formula of 30mn presentations provides fruitful exchanges between authors and participants. The poster session for medium papers also enables discussions and exchange of ideas.

**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:** Edward Keedwell.

**Steering Committee:** Lhassane Idoumghar, Pierrick Legrand, Arnaud Liefoghe, Evelyne Lutton, Nicolas Monmarché.

**Organizing Committee:** Richard Everson (Local), Jonathan Fieldsend (Local), Jacq Christmas (Local), Tinkle Chugh (Local), Ayah Helal (Local), Pierrick Legrand (Web Admin), Laetitia Jourdan & Patrick Siarry (Publicity), Pierrick Legrand & Arnaud Liefoghe (LNCS publication), Lhassane Idoumghar (Treasury), Pierre Parrend (Submissions).

**Program Committee:**

<http://ea2022.inria.fr/>