Research Interests
My research interests are in the broad area of Artificial Intelligence Techniques. More specifically, I am interested in computational intelligence, theory and applications of genetic programming and evolutionary computation. I am also involved in evolutionary art, where the personal aesthetic preference is modelled and followed by evolutionary methods. Additionally, I am interested in data mining for engineering, design and health areas. More recently, I have started contributing to social learning and trust in AI.

Employment
School of Computer Science and Digital Technologies
College of Engineering and Physical Sciences
1 Sept 2023 → present

Computer Science Research Group
College of Engineering and Physical Sciences
21 Feb 2012 → present

Engineering for Health
College of Engineering and Physical Sciences
15 Dec 2023 → present

College of Engineering and Physical Sciences
Birmingham, United Kingdom
1 Jan 2006 → present

Professor
Applied AI & Robotics
College of Engineering and Physical Sciences
1 Sept 2023 → present

Guest editor for Special Issue of the IEEE Transactions on Games journal on Evolutionary Computation for Games
IEEE
Bangalore, India
1 Jan 2021 → present

Partner Editor for Evolutionary Computation, Springer Nature Computer Science
Springer Publishing
Heidelberg, Germany
1 Jan 2021 → present

Associate Editor, International Journal of Virtual and Augmented Reality
IGI Global
Research outputs

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Activities
AI for Visual Art
Aniko Ekárt (Speaker)
15 Feb 2021

9th International Conference on Computational Intelligence in Music, Sound, Art and Design (EvoMusArt)
Aniko Ekárt (Participant)
15 Apr 2020 → 17 Apr 2020

Genetic and Evolutionary Computation Conference
Aniko Ekárt (Participant)
2020 → 2021

Natural Computing (Journal)
Aniko Ekárt (Editorial board member)
2020 → 2021

Artificial Intelligence for Visual Art
Aniko Ekárt (Speaker)
10 Dec 2019
8th International Conference on Computational Intelligence in Music, Sound, Art and Design (EvoMusArt)
Aniko Ekárt (Participant)
24 Apr 2019 → 26 Apr 2019

Humanizing social learning
Aniko Ekárt (Speaker)
2019

7th International Conference on Computational Intelligence in Music, Sound, Art and Design (EvoMusArt)
Aniko Ekárt (Participant)
4 Apr 2018 → 6 Apr 2018

Genetic and Evolutionary Computation Conference 2012
Aniko Ekárt (Chair)
2012 → …

IEEE Transactions on Evolutionary Computation (Journal)
Aniko Ekárt (Editorial board member)
2012 → …

Neural Computing and Applications (Journal)
Aniko Ekárt (Editorial board member)
2012

Evolutionary Computation (Journal)
Aniko Ekárt (Editorial board member)
2011 → …

Projects
50117 - FP7 - STREP - ICT - (ADVANCE) Advanced predictive-analysis-based decision-support engine for logistics
Ekárt, A. & Buckingham, C.
1/12/11 → 16/01/14