

MENDEL 2019

25TH INTERNATIONAL CONFERENCE ON SOFT COMPUTING

2ND CALL FOR PAPERS

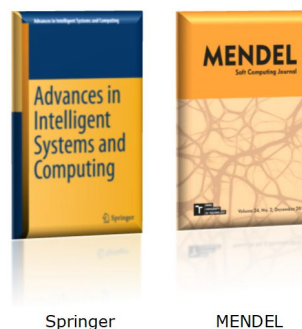
July 10-12, 2019, Brno, Czech Republic

Brno, the workplace of the "Father of Genetics" scientist, teacher and Augustinian friar G. J. Mendel, and the conference organizers, are very pleased to offer a conference platform on modern engineering using the principles of heredity. The **MENDEL conference** create a base for an exchange of theoretical and practical knowledge of **Soft Computing, Computational Intelligence, and Artificial Intelligence**.

You are cordially invited to participate in and attend the 25th International Conference on Soft Computing — MENDEL 2019. This year the conference is organized under the auspices of **Brno University of Technology**.

The aim of the International Conference on **Soft Computing** — MENDEL is to serve as a forum to present current and future work as well as to exchange research ideas in this field. All submitted papers will be reviewed by at least two reviewers. Selection criteria will be based on relevance, originality, significance, impact, technical soundness and quality of the presentation. Contributions are expected to provide original results, insights and experimental innovations.

The accepted papers will be published in the **MENDEL journal** series with ISSN 1803-3814 which is indexed in **Scopus** (since 2006, SJR 0.22 Elsevier, Q3, mendel-journal.org) with **Open Access** or in **AISC Springer** — as **proceedings**, indexed by **ISI Thomson Reuters (WoS)**, DBLP, and Google Scholar.



Springer

MENDEL

The scope of the conference includes:

Innovation and Theory

- Genetic and Evolutionary Computation
- Swarm Intelligence, Ant Colonies, Artificial Life
- Neural Networks, Deep Learning, Self-Organization
- Metaheuristics, Hybrid and Parallel Algorithms
- Simulation-based Optimization
- Fuzzy Logic, Bayesian Methods, Machine Learning
- Deterministic Chaos, Complexity, Fractals
- Image Processing and Computer Vision
- Intelligent and Bio-inspired Robotics

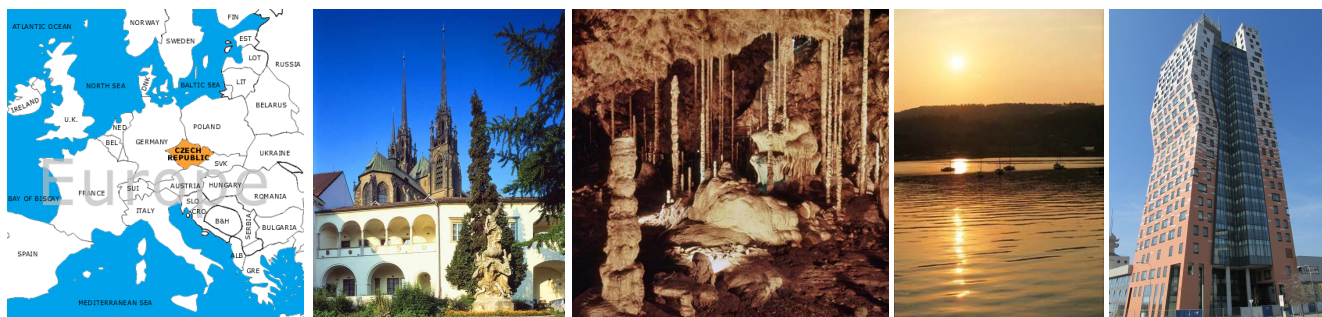
Top Related Applications

- Optimization, Operations Research, Stochastic programming
- Control Design, Identification, Modeling and Simulation
- Computer Vision, Image Processing, Pattern Recognition
- Robotics, Motion Planning, Reactive Planning, Mechatronics
- Big data Analyses, Simulation-based Decision Making
- AI & Games, AI & VR, Human-system Interaction
- Process Industry, Mathematics, Astronomy, Business
- Smart Materials, Nature and Bioinspired Nanostructure
- Mathematical Optimization vs. Soft Computing

Go to **GECCO 2019 @ Prague? Yes!**

You can continue after MENDEL directly to GECCO, we can manage easy transport Brno-Prague / Prague-Brno (2h by train)

An important remark: As every year, the organizers are preparing the **special workshop with social program** as important part of the conference. The workshop will include discussion, music, conference dinner and pleasant experience.



Mendel 2019 Secretary: Brno University of Technology, FME, Department of Applied Computer Science, Technicka 2, 616 69 Brno, Czech Republic, phone: +420 54114 3334, mendel.conference@gmail.com

Organizing Committee: Chairs: R. Matousek (Czech Republic), R. Hochreiter (Austria)
Co-Chairs: J. Lampinen (Finland), L. Nolle (Germany)

Important Dates:

May 15
MENDEL journal series
May 31
AISC Springer Series

In co-operation with:

