

# Natural Computing

WORKSHOP

We encourage especially young researchers and PhD students to present their work and exchange ideas in an inspiring and informal environment. Submissions are welcome in the area of natural computing, i.e., computational processes observed in nature, and human-designed computing inspired by nature.

Topics include (but are not restricted to):

↘ Molecular computing, e. g. DNA computing	↘ Cell-inspired, membrane, and amorphous computing	↘ Cellular automata, swarm intelligence, nature-inspired algorithms
↘ Artificial immune systems, artificial life	↘ Synthetic biology, biological networks	↘ Deep learning systems and applications

Date\_Venue



**September 20–22, 2020**

**Wellness Hotel Tyrapol, Oravská Lesná, Slovakia**

*Easily reachable, e.g., from Vienna or Bratislava airport*

## PC co-chairs

**Alica Kelemenová**

**Petr Sosík**

Silesian University in Opava,  
Czech Republic

## Submissions

**5–8 pages** of two-columns A4 format, written in English. Accepted papers will be published in ITAT proceedings available through the CEUR Workshop Proceedings publication service (CEUR-WS.org), indexed in DBLP and Scopus.

## Important dates

**July 10** Paper submission  
**July 30** Notification of acceptance/rejection  
**August 14** Final version

## Registration fee

Registration fee covers participation, lodging and full board at the conference hotel. Authors of accepted papers can apply for **waiving the registration fee**, on the first-come-first-serve basis (students preferred).