

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. Ac-
cepted 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

June 25 Paper submission
July 15 Notification of
acceptance/rejection
July 30 Final version

Registration fee

Registration fee covers partici-
pation, 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 (stu-
dents preferred).