



INTERNATIONAL CENTER
FOR FORMAL ONTOLOGY

**Warsaw University
of Technology**

Computational Modelling

14 May 2019

**Warsaw University of Technology, Pl. Politechniki 1, Warsaw, Poland
(Main Building, Room 206)**

Workshop Program

- 16.00-16.15** **Welcome address**
Zbigniew Król (Dean of the Faculty of Administration and Social Sciences, WUT)
- 16.15-16.45** **Turing, Ashby, and "the Action of the Brain":
Form and Function in Modelling the Mechanisms of Cognition**
Hajo Greif
- 16.45-17.15** **Non-Turing Models of Computation as a Hypothetical Basis
for Modeling Some Mental Activities**
Paweł Stacewicz
- 17.15-17.30** **BREAK**
- 17.30-18.00** **Modeling Ethical Phronetic Knowledge Bases in A-Robots**
Paweł Polak & Roman Krzanowski
- 18.00-18.30** **What Differences the Body Can Make? Remarks on Morphological Computation**
Przemysław Nowakowski
- 18.30-18.45** **BREAK**
- 18.45-19.15** **Conceptual Structure of Natural Numbers: Modeling Number Cognition
in Conceptual Spaces**
Paula Quinon
- 19.15-19.45** **Computational Psychopathology. How Computational Modelling
Can Contribute to the Understanding of Mental Disorders**
Marcin Rządeczka



**Faculty of Administration
and Social Sciences**

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