
Workshop on Modern Teaching Inspired by Science

Ostrava, Czech Republic

May 13-17, 2019

Monday, May 13, 2019

Faculty of Science, 30. dubna 22, Room C610

17:00 – 18:00 Arrival and Registration

Tuesday, May 14, 2019

Faculty of Science, 30. dubna 22, Room C610

9:00 – 9:15 Welcome and Opening remarks

9:15 – 9:45 Jiří Močkoř: History and traditions of the University of Ostrava

9:45 – 10:30 Jaroslav Žáček: IRAFM laboratory: Fuzzy modeling in practice

10:30 – 11:00 Coffee break

11:00 – 12:30 Tomáš Drobík: Innovative teaching methodologies in the Faculty of Science

Wednesday, May 15, 2019

Faculty of Science, 30. dubna 22, Room C610

9:00 – 9:30 Renáta Zemanová: Genetic Constructivism in Mathematics - Hejny's Method

9:30 – 10:00 Coffee break

10:00 – 10:30 CMT Meeting

10:30 – 13:00 Visit to the Faculty of Fine Arts: Workshop on software and other techniques in modern painting, (Podlahovova 3, Ostrava – Mariánské Hory)

Thursday, May 16, 2019 Faculty of Social Studies, Českobratrská 16, Room B303

- 9:00 – 9:30 Martin Dyba: Fuzzy modeling – Signature IRAFM Software products used in teaching and research
- 9:30 – 10:00 Daniela Einšpígllová: Diploma Thesis on "How to fill up a water reservoir using fuzzy modelling methods"
- 10:00 – 10:30 Karel Šnajdr: Diploma Thesis on "Using soft computing method for vehicle overtaking"
- 10:30 – 11:00 Coffee break
- 11:00 – 11:30 Libor Běhounek: Teaching "Formal set theory" with regard to students' comprehension
- 11:30 – 12:00 Petr Hurtík: Teaching "Modern computer vision" for mathematicians, informaticians, biologists and artists
- 12:00 – 12:30 Michal Burda: A PhD project of mobile application for biological species recognition
- 12:30 – 14:00 Lunch break
- 14:00 – 14:30 Round table (Free Discussion on a current state of the project)

Friday, May 17, 2019 Faculty of Science, 30. dubna 22, Room C610

- 9:00 – 10:00 Round table (Discussion on further activities and conclusions)

