

THE MILANKOVIC DAY

MAY 28, 2019

Serbian Academy of Sciences and Arts
Mathematical Institute of the Serbian Academy of Sciences and Arts
Kneza Mihaila 35

PART#1: TOPICS IN SCIENTIFIC RESEARCH

10:00-10:20

Zoran Knežević

Serbian Academy of Sciences and Arts

"About the Research Contributions of Milutin Milanković: Theory and Practice"

10:20-10:40

Sierd Cloetingh

University of Utrecht, Netherlands

"From the Deep Earth to the Surface: Impact on GeoEnergy and Environment"

10:40-11:00

Don Dingwell

Ludwig Maximilian University of Munich, Germany

"Volcanism: Mechanistic Progress from Experiments"

11:00-11:20

Fedor Mesinger

Serbian Academy of Sciences and Arts

"Challenges in Atmospheric Modeling: Examples from the Eta Model Large Scale Skill vs ECMWF"

11:20-11:40 Discussion

11:40-12:00 Break

PART#2: TOPICS IN COMPUTATIONAL RESEARCH

12:00-12:20

Paolo Papale

Istituto Nazionale di Geofisica e Vulcanologia, Pisa, Italy
"Towards a Global Vulcano Simulator"

12:20-12:40

Violeta Holmes
University of Huddersfield, England, UK
"Deep Learning in Geo and Astro Sciences"

12:40-13:00

Veljko Milutinović
University of Indiana, Bloomington, USA
"DataFlow SuperComputing: Essence and Applications"

13:00-13:20

Computational Research of Young Talents in Serbia

Miloš Kotlar, ABB, Zurich, Switzerland
"TensorCalculus on DataFlow for Geo and Astro Sciences"

Zoran Babović, ICEF, University of Belgrade, Serbia
"WSNs and IoT for Advanced Reserch"

Luka Ilić, Institute of Physics, Belgrade
"Dust Regional Atmospheric Model"

Mihailo Savić, Institute of Physics, Belgrade
"Atmospheric Effects on Cosmic Ray Muons|

13:20-13:40 Discussion

