

THE MISANU MAY 28 MILANKOVIC DAY

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Moderation by Miodrag Mihaljevic, MISANU

PART#1: TOPICS IN SCIENTIFIC RESEARCH

1000-1020

Zoran Knezevic

Serbian Academy of Sciences and Arts

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

1020-1040

Sierd Cloetingh

University of Utrecht, Netherlands

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

1040-1100

Don Dingwell

Ludwig Maximilian University of Munich, Germany

"Volcanism:
Mechanistic Progress from Experiments"

1100-1120

Fedor Mesinger

Serbian Academy of Sciences and Arts

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

1120-1140 Discussion

1140-1200 Break

PART#2: TOPICS IN COMPUTATIONAL RESEARCH

1200-1220

Paolo Papale

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

1220-1240

Violeta Holmes

University of Huddersfield, England, UK

"Deep Learning in Geo and Astro Sciences"

1240-1300

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

1300-1320
Computational Research of Young Talents in Serbia

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

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

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

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

1320-1340 Discussion

1340 FINAL WORD FROM MISANU AND THE END OF EVENT BY 1400

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SERIJA PREDAVANJA POSVECENIH LIKU I DELU MILUTINA MILANKOVICA

Predsedavajuci: Miodrag Mihaljevic, MISANU

PART#1: NAUCNO-ISTRAZIVACKE TEME

1000-1020
Zoran Knezevic
Srpska Akademija Nauka i Umetnosti
"O naucnim rezultatima Milutina Milankovica:
Teorija i praksa"

1020-1040
Sird Kloting (Sierd Cloetingh)
Univerzitet u Utrehtu, Holandija (University of Utrecht, Netherlands) "Planeta Zemlja - od najvećih dubina do površine:
Geo energija i prirodno okruženje"

1040-1100
Don Dingvel (Don Dingwell)

Univerzitet u Minhenu, Nemačka
(Ludwig Maximilian University of Munich, Germany)
"Vulkanistika: Razvoj mehanistike iz eksperimenata"

1100-1120
Fedor Mesinger
Srpska Akademija Nauka i Umetnosti
"Izazovi kod atmosferskog modelovanja:
Primeri iz Eta modela u odnosu na ECMWC"

1120-1140 Diskusija

1140-1200 Pauza

PART#2: TEME IZ DOMENA INFORMATICKI-ORIJENTISANIH ISTRAZIVANJA

1200-1220
Paolo Papale
Nacionalni institut za geofiziku i vulkanologiju, Piza, Italija "Istrazivanja koja vode ka globalnom simulatoru vulkana"

1220-1240
Violeta Holmes
Univerzitet u Hadersfildu, Engleska, Ujedinjeno Kraljevstvo "Duboko ucenje u geo and astro naukama"

1240-1300
Veljko Milutinovic
Univerzitet drzave Indijane, Blumington, SAD "DataFlow racunari"

1300-1320
ISTRAZIVANJA MLADIH U SRBIJI

Milos Kotlar
ETF, Beograd
"Tenzori na DataFlow racunarima za geo and astro aplikacije"

Zoran Babovic
ICEF, Beograd
"WSNs i IoT"

Luka Ilic
Institut za fiziku, Beograd
Model atmosferskog ciklusa pustinjskog aerosola

Mihailo Savic
Institut za fiziku, Beograd
"Modelovanje uticaja atmosfere na mionsku komponentu kosmičkog zračenja"

1320-1340 Diskusija

1340 ZAKLJUCI I KRAJ DO 1400

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