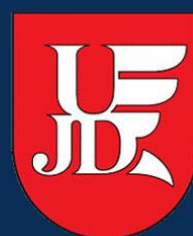




CERIC
Central European
Research Infrastructure
Consortium



**Online ACCELERATE Satellite Session at
the International scientific conference**

«ENVIRONMENTAL SAFETY OF THE CARPATHIAN EUROREGION»

May 14, 2020, aud.251 UzhNU, 54, st. Voloshina, Uzhhorod (Ukraine)

[svrizak](#)

PROGRAMME

Invited lectures:

- 9⁰⁰** Grand opening of the conference
- 9³⁰** Vladimir Matolin, Salma Baghdadi, Natalia Popovych, Vitalii Bilanych, Oleksandr Chobal, Vasyl Rizak
CERIC-ERIC Outpost in Ukraine
- 10⁰⁰** Karol Flakhsbart
Magneto-caloric cooling, an environmentally friendly way of refrigeration
- 10³⁰** M. Vorokhta, L. Piliai, I. Khalakhan, B. Smíd, P. Matvija, T. Skála, V. Matolín, I. Matolínová
In situ spectroscopic study of different greenhouse gas elimination chemical reactions on ceria-based catalysts
- 11⁰⁰** Roman Gladyshevskii, Oksana Matselko
Electronic and geometric concepts for efficient synthesis of intermetallic catalysts
- 11³⁰** Marian Kires
Online science education at university level
- 12⁰⁰** Volodymyr Roshko, Arpad Kron, Viktor Roshko
The ecological risks of transporting electricity through high voltage transmission lines
- 12³⁰** Michal Piasecki, Krzysztof Wojciechowski, Oleh Cherniushok, Artem Pogodin, Aleksander Kokhan, Marian Sabov, Igor Barchiy
Influence of structure and phase transition on the thermoelectric features of the $\text{Cu}_7\text{P}(\text{Se}_{1-x}\text{S}_x)_6$
- 13⁰⁰** Vladimír Komanický
Processes of charge accumulation in chalcogenide films under electron beam irradiation
- 13³⁰-15⁰⁰** Break
- 15⁰⁰** Igor Barchiy, Valeria Tovt, Michal Piasecki, Oleg Khyzhun, Anatolii Fedorchuk, Artem Pogodin
Complex Hexaselenodiphosphate(IV) in $\text{Tl}_2\text{Se}-\text{In}_2\text{Se}_3$ -“ P_2Se_4 ” System
- 15³⁰** Serhiy Korposh, Ivan Trikur, Mykhailo Sichka, Ivan Tsoma, Vasyl Rizak
Bacteriorhodopsin as an environmentally friendly material for the needs of modern electronics and renewable energy
- 16⁰⁰** Leonid Dubrovinsky, Iryna Chobal, Anna Pakhomova, Oleksandr Chobal, Dariia Simonova, Alexander Kurnosov, Volodymyr Adamiv, Vasyl Rizak
In situ high-pressure synchrotron X-ray diffraction study of the structural stability in LiKB_4O_7
- 16³⁰** Natalia Popovych, Natalia Tsud, Vladimir Matolin, Vasyl Rizak
Applications of the synchrotron radiation for the study of information biomolecules
- 17⁰⁰** Vitaliy Bilanych, Alexander Feher, Vasyl Rizak
The thin film chalcogenide – materials for photovoltaic applications
- 17³⁰** The closing ceremony of the conference