



FRIDAY, October 9, 2020

**ACCELERATE Satellite Session at
The International scientific conference «CNM-6»
(lecture room 181, Physical Faculty, 54, st. Voloshyna, Uzhhorod, Ukraine)**

[svrizak](#)

PROGRAMME

Invited lectures:

Chairman V. Rizak

- 9⁰⁰ Grand opening of the ACCELERATE Satellite Session**
- 9³⁰** Vladimir Matolin, Salma Baghdadi, Natalia Popovych, Vitalii Bilanych, Oleksandr Chobal, Vasyl Rizak
The outpost CERIC-ERIC in Ukraine: Current State and Prospects
- 10⁰⁰** Matúš Orendáč, Slavomír Gabáni, Pavol Farkašovský, Emil Gažo, Jozef Kačmarčík, Gabriel Pristáš, Konrad Siemensemeyer, Natalya Shitsevalova, and Karol Flachbart
Magnetic phases in two-dimensional geometrically frustrated Shastry-Sutherland system TmB₄
- 10³⁰** Vladimir Matolin, Natalia Tsudi, Natalia Popovych, Vasyl Rizak
Investigating the short range order of chalcogenide amorphous materials by photoelectron spectroscopy
- 11⁰⁰** Leonid Dubrovinsky, Iryna Chobal, Anna Pakhomova, Oleksandr Chobal, Aleksandr Kurnosov, Volodymyr Adamiv, Vasyl Rizak
Structural, mechanical and thermodynamic properties of lithium potassium tetraborate crystals under high pressure: DFT calculations and synchrotron radiation X-ray diffraction
- 11³⁰** M. Vorokhta, L. Piliai, I. Khalakhan, D. Tomeček, P. Fítl, M. Vrnáta, J. Lančok, I. Matolínová, V. Matolín
Near ambient pressure XPS for in operando study of gas sensors
- 12⁰⁰** Bih.L. , Guranich P.P. , Mykaylo O.A. , Pisak R.P. , Rizak I.M. , Rubish V.M. , Solomon A.M., Tsiple M.
Structure and properties of chalcohalogenide glasses and composites on their basis
- 12³⁰** Elouadi B. , Barj M. , Gasinets S.M. , Guranich P.P. , Makar L.I. , Mykaylo O.A. , Pop M.M. , Rizak I.M. , Rubish V.M. , Solomon A.M.
Nanocomposites with ferroelectric properties in As(Ge)-Sb-S(Se)-I system
- 13⁰⁰-15⁰⁰ Dinner**
- Chairman V. Rubish**
- 15⁰⁰** Kostyuk O.B. , Głowa Ł. , Naidych B.P. , Tsymbalyuk T.P. , Mezhylovska L.Y. , Nykyruy L.I.
Analysis of the Growth and Crystal Structure for Pb_{0.9}Cd_{0.1}Te:Pb Thin Films
- 15³⁰** Lofaj F., Bilanych V.S., Bilanych B.V., Rizak V.M.
Investigation of laser induced effects in As-Se glasses and films based on them by nano- and microindentation methods
- 16⁰⁰** Korposh S. O. , Trikur I. I. , Sichka M.Y. , Tsoma I. Y. , Rizak V. M.
Bacteriorhodopsin as a biological material for optical recording, processing and security information.
- 16³⁰** Zapukhlyak Z.R. , Rubish V.M. , Wisz G. , Yavorskyi R.S. , Nykyruy L.I.
SCAPS simulation of ZnO/CdS/CdTe/CuO heterostructure for photovoltaic application
- 17⁰⁰** Csach K., Bilanych V.S., Jurikova A., Miskuf J., Bilanych V.V., Rizak V.M.
Studies of As-Se glasses and films based on them by differential scanning calorimetry
- 17³⁰** Popovych N., Gažova Z. , Rizak V.M.
Application of the photoelectron spectroscopy to study the organic materials properties: adenine molecules and amyloid fibers
- 18⁰⁰ Discussion of invited lectures and closing ceremony of the ACCELERATE Satellite Session**