

FRIDAY, October 9, 2020

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

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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. Fitl, M. Vrnata, 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 chalcogenide 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
- 13⁰⁰-14³⁰ Dinner**
- Chairman V. Rubish**
- 14³⁰ Latyshev V., Kozejova M., Vorobiov S., Shylenko O., You. H., Komanicky V.**
Non-precious metal catalyst systems prepared by magnetron sputtering for hydrogen evolution reaction
- 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., Shilenko O., Bilanych V.S., Bilanych B.V., Komanicky V., Feher A., 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**