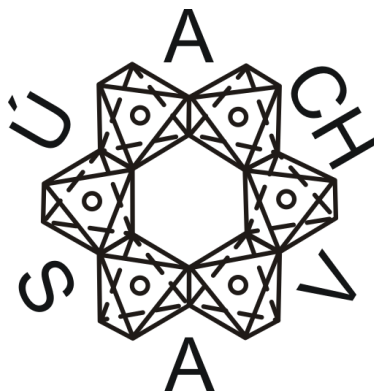


Súťaž mladých pracovníkov do 35 rokov
na ÚACH SAV Bratislava

Program



Bratislava, 19. 10. 2022

Program Súťaže mladých pracovníkov do 35 rokov

Ústav anorganickej chémie SAV v Bratislave, miestnosť č. 107

09:00 Zahájenie

09:05 Daniel Moreno – Halloysite interacting with two herbicides

09:25 Sanam Bashir – DFT-D3 study of the structural stability of montmorillonite clay with different polymers

09:45 Ramu Ambati – Corrosion of partially submerged samples in molten FLiNaK salt

10:05 Alper Güneren – Enhancing the electrochemical performance of silicon-graphite anodes for Li-ion batteries

Prestávka (10:25 – 10:35)

10:35 Dhyia Krishnan – The electrical conductivity of the molten systems $(\text{LiF}-\text{CaF}_2)_{\text{eut.}}-\text{NdF}_3$ and $(\text{LiF}-\text{NaF})_{\text{eut.}}-\text{NdF}_3$ as electrolytes for the neodymium electro-winning

10:55 Jakub Michalík – Preparation and characterization of Er^{3+} and Yb^{3+} doped YAlO_3 precursor powders and glass microspheres with optical properties

11:15 Mokhtar Mahmoud – Innovative Dye Sorbent Based on 3D Printing Technique

11:35 Florian Lemken – Long-Range Indirect ^{13}C - ^{31}P Coupling in Isostructural Nickel, Palladium, and Platinum Complexes

Prestávka (11:55 – 12:35)

12:35 Viktória Planetová – Aggregation induced changes in absorption and fluorescence spectra of cyanine dyes

12:55 Guido De La Torre – Study the use of diverse sintering additives in silicon nitride to improve their bioactivity

13:15 Naser Hosseini – Joining of silicon carbide ceramics for extreme environments

13:35 Akrity Anand – Copper-magnesium co-substituted mesoporous bioactive glass for bone tissue engineering

13:55 Bruno Wolfrum - Red emission enhancement of $\text{YAG}:\text{Eu}^{3+}$, $\text{YAG}:\text{Mn}^{4+}$ nanocrystals in YAG aggregates

14:30 Vyhlásenie výsledkov

Členovia komisie:

Ing. Blanka Kubíková, PhD. – predseda komisie

Mgr. Monika Tatarková, PhD. – člen komisie

doc. Ing. Mária Chromčíková, PhD. – člen komisie

Mgr. Stanislav Komorovský, PhD. – člen komisie

Mgr. Marián Matejdes, PhD. – člen komisie