

Workshop of Slovak Clay group Demänovská dolina - Programme

Monday 7.9.2020

12:30 - 13:30	Lunch - Restaurant KOLIBA BYSTRINA
13:30 - 13:40	OPENING - Vila Vista
13:40 - 14:20	S. Furka et al. Novel composite nanomaterials for medical devices
14:20 - 14:40	D. Furka et al. ZnO nanoparticles with different morphology as a high-efficient photocatalyst
14:40 - 15:00	M. Čičkan, M. Janek High temperature phases of functionalized layered silicates with photoluminescent properties
15:00 - 15:20	D. Hromníková et al. Stability of polymeric composite materials in physiological environment
15:20 - 15:40	Coffee-break
15:40 - 16:10	N. Dadi and M. Štefánek, et al. Synthesis and antimicrobial characterization of hybrid film based on saponite and phloxine B
16:10 - 16:30	Y. Bai et al. Mineralogical characterization of clays from Dolná Ves deposit - a source of CMS Special Clay illite-smectite (ISCz-1)
16:30 - 16:50	E. Skoura et al. The surface of polycaprolactone modified with saponite and methylene blue
16:50 - 17:10	M. Barlog et al Clay minerals as carriers and luminescence enhancers of rhodamine 6G dye in the presence of two different types of surfactants
18:00	Dinner - Restaurant KOLIBA BYSTRINA

Tuesday 8.9.2020

7:30 - 8:30	Breakfast - Restaurant KOLIBA BYSTRINA
9:00 - 18:00	Discussions about results of present projects

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Wednesday 9.9.2020

7:30 - 8:30	Breakfast - Restaurant KOLIBA BYSTRINA
9:00 - 9:20	T. Baranyaiová et al. The mechanism of rhodamine dye molecular aggregation in stable colloidal dispersions of montmorillonite
9:20 - 9:40	P. Škorňa et al. Hexavalent chromium adsorption by tetrahexylphosphonium-modified beidellite clay – combined theoretical and experimental study
9:40 - 10:00	D. Moreno et al. A computational study of diuron-beidellite interactions
10:00 - 10:20	M. Pribus et al. Spectral Properties of Reichardt's Dye Adsorbed on an Organomodified Saponite in Colloidal Dispersion
10:30 - 12:00	Poster session with brief oral presentation (5 min per poster)
12:00 - 13:00	Lunch Restaurant KOLIBA BYSTRINA
13:00	Closing - Vila Vista

Whole scientific programme will be held in Vila Vista
Breakfast, lunches, dinners will be in Koliba Bystrina