7th Slovenian-Serbian-Croatian Symposium on Zeolites
25th – 27th May 2017, Ljubljana, Slovenia

	Thursday, May 25th	Friday, May 26th	Saturday, May 27th
8:00 AM	**Registration**		
9:00 AM	**Symposium Opening**		
	Chair: Mali	**Chair: Novak Tušar**	**Chair: Hrenović**
9:15 AM	**Senker** **(Plenary Lecture)** *Structure, disorder and function in metal-organic frameworks*	**De Vos** **(Plenary Lecture)** *Structural variability, shaping and catalysis with d(0) metal based MOFs*	**Ristić** **(Keynote Lecture)** *Design of water sorbents for energy storage and transformation*
9:30 AM			
9:45 AM			**Krajnc** *Microporous aluminophosphates for heat reallocation*
10:00 AM	**Coffee Break**	**Coffee Break**	**Coffee Break**
10:15 AM			
10:30 AM	**Gascon** **(Keynote Lecture)** *Towards new concepts in the design of heterogeneous catalysts*	**Giordano** **(Keynote Lecture)** *From methanol to DME: Comparison from 1-D to 3-D zeolite in the catalytic behaviour*	**Short Presentations** **Jevtić:** *Structural characteristics of a clinoptilolite/iron oxide composite* **Čendak:** *Determining the structure of chemisorbed CO2 species in amine -functionalized mesoporous silicas by solid -state nmr and computational modeling* **Pliekhov:** *Water adsorption behavior of dealuminated zeolite Y* **Ganjto:** *Environmental impact of foamed glass prepared from sewage sludge ash* **Kaplanec:** *Mechanism and kinetics of phosphate removal from water media using iron(III)-modified clinoptilolite* **Marković:** *Adsorption of ochratoxin A by surfactant modified phillipsite* **Pavlović:** *Influence of natural zeolite - clinoptilolite on potassium and nitrate retention in different soil types* **Vatič:** *Functionalization of HKUST-1 with ethylenediamine for effective CO2 adsorption* **Varlec:** *Point charge fitting redux*
10:45 AM			
11:00 AM	**Tüysüz** **(Keynote Lecture)** *Endo- and exo-templated materials for water splitting*	**Milenković** **(Keynote Lecture)** *On the antibacterial activity of metal-exchanged zeolites*	
11:15 AM			
11:30 AM	**Rac** *Issues in the assessment of textural properties of micro/mesoporous zeolitic materials using low temperature nitrogen adsorption*	**Dekić** *Reduction of Acinetobacter baumannii biofilm formation by natural zeolite*	
11:45 AM	**Lotti** *Compression of zeolites in "penetrating" fluids: An overview*	**Ivanković** *Immobilization of Acinetobacter baumannii onto natural zeolite dependent on the nutrient concentration of water media*	
12:00 PM	**Lunch Break**	**Lunch Break**	**Symposium Closing**
12:15 PM			
12:30 PM			
12:45 PM			**Lunch Break**
	Chair: Zabukovec Logar	**Chair: Rajić**	
1:00 PM	**Morris** **(Pregl Lecture)** *Storage and delivery of medical gases using zeolites and metal-organic frameworks*	**Vukojević Medvidović** *Leaching behaviour of natural "low cost" sorbents saturated with zinc and copper*	
1:15 PM		**Ugrina** *Design of a two-stage sorption system for Zn and Cd removal onto iron-modified zeolite - mass optimization*	
1:30 PM		**Bosnar** *Positron annihilation characteristics of some low-silica zeolites*	
1:45 PM		**Coffee Break**	
2:00 PM	**Coffee Break**		
2:15 PM		**Dissemination Session** **Margeta and Glasnović** *Seawater Steam Engine as a "prime mover" for the third industrial revolution - book presentation*	
	Chair: Bronić		
2:30 PM	**Palčić** **(Keynote Lecture)** *Insights into the formation of zeolites by studying of the reaction precursors*		
2:45 PM			
3:00 PM	**Mazaj** *In-situ growth of metal-organic frameworks via metal-oxide recrystallization: A new approach of MOF@Polyhipe design*	**Excursion to Postojna Cave** **Conference Dinner**	
3:15 PM	**Puškarić** *Synthesis of zinc and cadmium glycyl-L-phenylalanine coordination polymers: Mechanochemical approach*		
3:30 PM	**Coffee Break**		
3:45 PM			
4:00 PM	**Triantafyllidis** **(Keynote Lecture)** *Catalytic fast pyrolysis of biomass by zeolites and mesoporous aluminosilicates*		
4:15 PM			
4:30 PM	**Stöcker** *Thermo-chemical conversions of biomass - new trends*		
4:45 PM	**Milovanović** *Syringol production in the presence of NiO/H-ZSM-5: Influence of lignin origin and lignin depolymerisation method*		
5:00 PM	**Šuligoj** *Mesoporous ordered or disordered silica for ZnO immobilization and wastewater treatment*		