

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

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