

# 3<sup>rd</sup> International Congress of Chemists and Chemical Engineers of B&H



19-21. October 2018.

FINAL PROGRAMME

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## 3<sup>rd</sup> International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina

19-21 October 2018, Sarajevo, Hotel Holiday



<http://pmf.unsa.ba/hemija/kongres/index.php/en>



See you in Sarajevo.

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<i>Friday, 19.10.2018.</i>	
8:00-09:30	<b>Registration of Participants</b>
09:30-9:50	Opening Ceremony
10:00-10:30	Invited speaker <b>Dr.Sci. Vojko Vlachy</b> Faculty of Chemistry and Chemical Technology, Ljubljana, Slovenia <b>Aqueous Solvation of Charged and Hydrophobic Groups: from Simple Ions to Proteins</b>
10:40-11:10	Invited speaker <b>Dr.Sci. Cihangir Tanyeli</b> Middle East Technical University, Ankara, Turkey <b>Asymmetric Organocatalytic Synthesis of 2-Oxindole Based Heterocycle Precursors</b>
11:20-11:35	<i>Oral presentation:</i> Fadwa Odeh Incorporation of Quercetin into New Nanocarriers Formulated from Edible Oils and Biodegradable Polymers
11:45-12:00	<i>Oral presentation:</i> Vladislav Tomišić Hydrogen Bonding and Solvent Effects on Calixarene Coordination Reactions
12:10-12:30	Coffee break
12:30-13:00	Invited speaker <b>Dr.Sci. Abdullah Mohamed Asiri</b> King Abdulaziz University, Jeddah, Saudi Arabia <b>Synthesis and Use of Photochromic Compounds as Smart Switchable Glazing for Ultraviolet Shielding</b>
13:10-13:25	<i>Oral presentation:</i> Danijela Ašperger Extraction Methods Development and Optimization for Chromatographic Analysis of Pharmaceuticals in Sediment
13:35-13:50	<i>Oral presentation:</i> Ranka Godec Comparison of Thermal Protocols for the Determination of Carbon in Particulate Matter

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14:00-15:00	<b>Poster sessions:</b> Analytical Chemistry, Environmental Chemistry, Chemistry of Advance Materials, Chemical Engineering, Physical and Theoretical Chemistry, Topics Related to Chemistry, Radiochemistry.
15:00-16:00	Lunch
16:00-16:30	Invited speaker <b>Dr.Sci. Johannes T. van Elteren</b> National Institute of Chemistry, Ljubljana, Slovenia <b>Laser ablation – ICPMS: A Tools for Multielement Microanalysis of Solid Samples</b>
16:40-16:55	<i>Oral presentation:</i> Muna Abudalo Effectiveness of Plants Fiber Impregnated with Green Nanoparticles for Water Disinfection
17:05-17:20	<i>Oral presentation:</i> Abeer Al Bawab Coupling Magnetite Nanoparticles with Zeolitic Tuff Sorbent Material for Olive Mill Wastewater (OMW) Remediation
17:30-17:50	Coffee break
17:50-18:05	<i>Oral presentation:</i> Aida Etminan Utilisation of Derivative UV/Vis Spectrophotometry in Determination of Active Pharmaceutical Ingredient Content in Some Drugs
18:15-18:30	<i>Oral presentation:</i> Belma Pehlivanović Curcumin: Phytochemical Therapy for Treating Hyperlipidemia
<b>Saturday, 20.10.2018.</b>	
8:30-10:00	Registration of Participants
10:00-10:15	<i>Oral presentation:</i> Roderick W. Bates Online Methods in Chemical Education: the Revolution is Here
10:25-10:55	Invited speaker <b>Dr.Sci. Ilkay Erdogan Orhan,</b> Gazi University, Ankara, Turkey <b>Discovery of Novel Enzyme Inhibitors from Nature Via in vitro and in Silicon Methods</b>
11:05-11:20	<i>Oral presentation:</i> Vitomir Šunjić Academic vs. Industrial Research-Dichotomy or Synergism?
11:30-12:00	Coffee break

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12:00-12:30	Invited speaker <b>Dr.Sci. Katja Džepina</b> University of Rijeka, Croatia <b>Chemical Characterization of Atmospheric Particles Matter in Sarajevo Canton: Results of Campaign During Winter Period 2017-2018</b>
12:40-12:55	<i>Oral presentation:</i> Huseyin Deveci Calcined Colemanite as Filler for Epoxy Composite Materials
13:05-13:20	<i>Oral presentation:</i> Hurija Džudžević-Čančar Comparison of Microwave Induced and Conventional Synthesis of Caffeine and Structural Characterization of Synthetic Products
13:30-13:45	<b><i>Presentation of 50<sup>th</sup> Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i></b>
14:00-15:00	<b>Poster sessions:</b> Education in Chemistry, Inorganic Chemistry, Biochemistry and Biotechnology, Organic and Medical chemistry, Phytochemistry
15:00-16:00	Lunch
16:00-16:30	Invited speaker <b>Dr.Sci. Igor Jerković</b> University of Split, Croatia <b>Selected Topics on Chemical Fingerprinting - Examples and Challenges</b>
16:40-16:55	<i>Oral presentation:</i> Gordana Pehcec Polycyclic Aromatic Hydrocarbons in PM <sub>10</sub> , PM <sub>2.5</sub> and PM <sub>1</sub> Particle Fractions and Their Carcinogenic Activity
17:05-17:20	<i>Oral presentation:</i> Jasmina Rinkovec Relationship Between Platinum Group Elements in Air and Meteorological Parameters
17:30-17:45	<i>Oral presentation</i> Abeer Al Bawab Contamination of Plants, Soil, and Building Stones at a Roman Heritage Archaeological Site in an Urban
17:55-18:15	Closing ceremony
20:00-	<b><i>Gala dinner</i></b>
<b><i>Sunday, 21.10.2018.</i></b>	

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