

FSB



MARIE SKŁODOWSKA-CURIE ACTIONS
Innovative Training Networks (ITN)
European Joint Doctorate (EJD)



3th Project Meeting - 1 day & Advanced Training Course (ATC2) - 2 days

The 3th meeting & ATC2 will be held online using Zoom

ATC2: Nanomaterials for wastewater treatment

16th-18th September 2020

Organizer: FSB, Zagreb, Croatia



Lidija Ćurković
University of Zagreb
Faculty of Mechanical Engineering and Naval Architecture (FSB)
I. Lučića 5, 10000 Zagreb, Croatia



NOWELTIES - 3rd Project Meeting & ATC2, 16th-18th September 2020, Zagreb, Croatia, online

September 17 (Thursday) - Advanced Training Course (ATC2) 1st day



09:00-09:10	Course opening
09:15-10:10	<i>“Introduction in nanomaterials”</i> Stanko Kurajica (FKIT)
10:15-11:10	<i>“Sol-gel synthesis of nanostructured materials”</i> Jelena Macan (FKIT)
11:10-11:40	Coffee break
11:45-12:40	<i>“Advanced synthesis and characterization of nanomaterials”</i> Vilko Mandić (FKIT)
12:45-13:40	<i>“Recent advances in solar driven nanomaterials for water treatment”</i> Hrvoje Kušić (FKIT)
13:40-15:00	Lunch break
15:00-15:55	<i>“Plasmonic phenomena and photoelectron generation in Au/TiO₂ nanorod arrays for visible light harvesting”</i> Albin Pintar (National Institute of Chemistry, Ljubljana, Slovenia)
16:00-16:55	<i>“Formation of a junction between TiO₂ and β-Bi₂O₃ to enable efficient visible-light harvesting in advanced oxidation processes for waste water treatment”</i> Gregor Žerjav (National Institute of Chemistry, Ljubljana, Slovenia)
17:00-17:30	<i>“Customs and traditions in Colombian culture”</i> Camilo Sánchez Tobón (ESR8)

September 18 (Friday) - Advanced Training Course (ATC2) 2nd day



09:00-9:55	<i>“Use of magnetized nanosized P-25 TiO₂ particles in water treatment”</i> Davor Ljubas (FSB)
10:00-10:55	<i>“Zeolites - nanostructured materials in adsorption, catalysis and disinfection”</i> Nevenka Rajić (University of Beograd)
11:00-11:30	Coffee break
11:30-12:25	<i>“Biosolids for phosphorus removal from wastewater”</i> Jasna Hrenović (University of Zagreb)
12:30-13:25	<i>“Application of ceramic membrane in wastewater treatment”</i> Maja Zebić Avdičević (FSB)
13:30-15:00	Lunch break
15:00-15:55	<i>“Introduction to Design of Experiments”</i> Hrvoje Cajner (FSB)
16:00-16:55	<i>Videos of Lab Demonstration (FKIT & FSB):</i> <i>- Synthesis of nanophotocatalyst: hydrothermal, microwave assisted</i> <i>- Immobilisation of nanophotocatalyst: dip and spin coating</i> <i>- Photocatalytic Reactor</i>
17:00-17:30	Coffee break
17:30-18:15	<i>Short online Examination</i>
18:15-18:45	<i>10 Best Places to Visit in Croatia - Travel Video</i> <i>Top 15 Best Beaches In Croatia 2020 - Video</i>

Greetings from Zagreb

