

FSB



Nowelties
European Joint Doctorate

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



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

The 3rd meeting & ATC2 will be held online using MS Teams

ATC2: Nanomaterials for wastewater treatment

16th-18th September 2020

Organizer: FSB, Zagreb, Croatia



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

September 16 (Wednesday) - 3rd Project Meeting

09:00	Short overview on the status and progress of NOWELTIES by M. Petrovic
09:15 – 11:20	Presentation of ESRs 1-5 (15 min each+ 10 min discussion for each ESR)
11:20 – 11:35	<i>Short Break</i>
11:35 – 13:15	Presentation of ESRs 6-9 (15 min each+ 10 min discussion for each ESR)
13:15 – 14:30	<i>Lunch Break</i>
14:30 – 16:35	Presentation of ESRs 10-14 (15 min each+ 10 min discussion for each ESR)
16:35 – 17:00	General discussion on the progress, problems, collaborations, secondments etc
17:00 – 17:10	Dissemination, communication, reporting
17:10 – 17:30	Planning of next activities (ATC4 and project meeting)
17:30	Other
	End of meeting



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



09:00-09:10	Course opening
09:15-10:10	<i>1.1. "Introduction in nanomaterials"</i> Stanko Kurajica (FKIT)
10:15-11:10	<i>1.2. "Sol-gel synthesis of nanostructured materials"</i> Jelena Macan (FKIT)
11:10-11:40	Coffee break
11:45-12:40	<i>1.3. "Advanced synthesis and characterization of nanomaterials"</i> Vilko Mandić (FKIT)
12:45-13:40	<i>1.4. "Recent advances in solar driven nanomaterials for water treatment"</i> Hrvoje Kušić (FKIT)
13:40-15:00	Lunch break
15:00-15:55	<i>1.5. "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>1.6. "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>2.1. "Use of magnetized nanosized P-25 TiO₂ particles in water treatment"</i> Davor Ljubas (FSB)
10:00-10:55	<i>2.2. "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>2.3. "Bioparticles for phosphorus removal from wastewater"</i> Jasna Hrenović (University of Zagreb)
12:30-13:25	<i>2.4. "Application of ceramic membrane in wastewater treatment"</i> Maja Zebić Avdičević (FSB)
13:30-15:00	Lunch break
15:00-15:55	<i>2.5. "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

