

ZAGREB CORROSION SUMMER SCHOOL

Zagreb, Croatia, 13th-15th July 2020

Purpose: Corrosion summer school is intended for both PhD students and practitioners from industry who want to learn more about corrosion and corrosion protection. Lecturers from both academia and industry will present theoretical background and practical experience on selected corrosion issues.

Organized by: Faculty of Chemical Engineering and Technology at University of Zagreb and Croatian Society for Materials Protection

Program:

	Monday	Tuesday	Wednesday
9:00-09:45	Corrosion Basics	Organic Coating Basics	CP Measurement Techniques and Equipment Standardized and Innovative Methods and Field Experience
09:45-10:30	Corrosion Basics	Advanced Organic Coatings in Practice	Case Study
10:30-11:00	Break		
11:00-11:45	Corrosion Monitoring Applicability, Output Data and Choosing the Right Technique	Organic Coatings Systems Application of EN 12944 Standard	Workshop Laboratory Demonstration of CIPS and DCVG Principles Soil Corrosivity - pH and Minimum Soil Resistivity in Soil Box
11:45-12:30	Case Studies Failure Analyses – Various Examples and Methods	Case Study	
12:30-13:30	Lunch		
13:30-14:15	Corrosion Inhibitor Basics	Workshop Standardized Inspection Methods for QA and QC of Protective Coatings	Stainless Steel Basics Introduction to Grades, Properties and Corrosion Resistance
14:15-15:00	Corrosion Inhibitor Laboratory and Field Experiences		Case Study Failure Analysis – Various Examples of Stainless Steel Corrosion Failures from Practice
15:00-15:30	Break		
15:30-16:15	Workshop Tafel Method, EIS Polarization Resistance LPR Monitoring Probe	Cathodic Protection General Principles	Workshop Standardized Laboratory and Industrial Test Methods of Passivation and Corrosion resistance of Stainless Steels
16:15-17:00		Novel Trends in Establishing CP Criteria	

Lecturers:

Prof. Dr. Sanja Martinez, Prof. Dr. Vesna Alar, assoc. Prof. Dr. Helena Otmacic Curkovic, assist. Prof. Ivan Stojanovic, assist. Prof. Vinko Simunovic, Dajana Mikic mag. appl. chem., Marin Kurtela mag. ing. aeroing.

Place: Faculty of Chemical Engineering and Technology, University of Zagreb, Marulićev trg 19, Zagreb Croatia

Price of the summer school:

PhD students: 300€ (tax included)
Other participants: 900€ (tax included)

1 day participation:

PhD students: 100€ (tax included)
Other participants: 300€ (tax included)

Important dates:

Course dates: 13/07/2020 – 15/07/2020

Deadline for application: 26/06/2020

Payment due by: 03/07/2020

Contact:

e-mail: recorr@fkit.hr

web page: www.recorr.eu

PhD students who, in three months upon the summer school, submit a report on a given topic will be awarded with **ECTS points** (expected 2 points).



University of Zagreb
Faculty of Chemical
Engineering and Technology

