

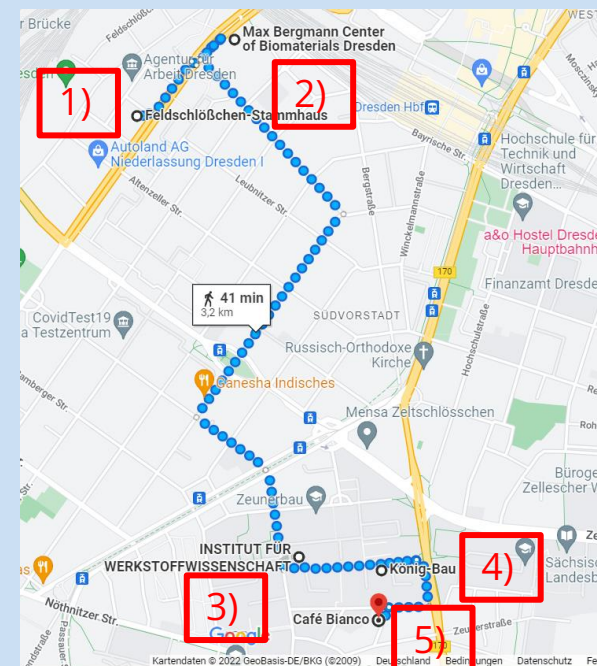
	Monday 27/6/2022	Tuesday 28/6/2022	Wednesday 29/6/2022	Thursday 30/6/2022	Friday 1/7/2022
Location	Dresden, <i>Feldschlösschen Stammhaus, Budapester Straße 32</i>	Dresden	Dresden/Ostrov	Ostrov	Ostrov
Morning 9:00 – 12:00	<p><i>Start: 10 am</i></p> <p>Dean of Faculty of Science / Michal Varady</p> <p>Head of Centre for Nanomaterials and Biotechnology / Jan Malý</p> <p>Dean of Faculty of Environment / Pavel Kuraň</p> <p><i>15 min. coffee break</i></p> <p>Dean of Mechanical Engineering / Michael Beckmann</p> <p>Professor for Biomaterials / Hans Peter Wiesmann</p> <p>Head of Corrosion and Surfaces, Institute of Material Science / Ute Bergmann</p> <p>Head of Department: Bio- and Nanotechnology, Fraunhofer Institute for Ceramic Technologies and Systems IKTS / Joerg Opitz</p>	<p>Presentation of research</p> <p>9:00 – 9:20</p> <p>9:20 – 9:40</p> <p>9:40 – 10:00</p> <p><i>15 min. coffee break</i></p> <p>10:15 – 10:35</p> <p>10:35 – 10:55</p> <p>10:55 – 11:15</p> <p>11:15 – 11:35</p>	<p>Presentation of research</p> <p>9:00 – 9:20</p> <p>9:20 – 9:40</p> <p>9:40 – 10:00</p> <p><i>15 min. coffee break</i></p> <p>10:15 – 10:35</p> <p>10:35 – 10:55</p> <p>10:55 – 11:15</p> <p>11:15 – 11:35</p>	<p>Presentation of research</p> <p>9:00 – 9:20</p> <p>9:20 – 9:40</p> <p>9:40 – 10:00</p> <p><i>15 min. coffee break</i></p> <p>10:15 – 10:35</p> <p>10:35 – 10:55</p> <p><i>networking</i></p>	<p>Presentation of research</p> <p>9:00 – 9:20</p> <p>9:20 – 9:40</p> <p>9:40 – 10:00</p> <p>10:00 – 10:20</p> <p><i>10 min. coffee break</i></p> <p><i>10:30 am Workshop: Vision of the development, possibilities to cooperation (Technology Agency of the Czech Republic, Economic and Social Council of Ústí Region)</i></p> <p><i>Closing of the conference, announcement of the best 3 presentations</i></p>
Lunch 12:00 – 13:00					
Afternoon 14:00 – 17:00	<p>Creative Workshop</p> <p>→ Teambuilding for the participants</p> <p>→ Getting to know each other</p>	<p>Field/laboratory visit:</p> <ul style="list-style-type: none"> Institute for Materials Science at TU Dresden MBZ <p><i>(6 students groups)</i></p>	<p>Field/laboratory visit: IKTS, Fraunhofer</p> <p><i>(10 students groups)</i></p> <p>Transfer to Ostrov</p> <p><i>(1 hour)</i></p>	<p>Field/laboratory visit:</p> <ul style="list-style-type: none"> CENAB Faculty of Science Faculty of Environment <p><i>(10 students groups)</i></p>	<p><i>13:00 – 14:00</i></p> <p><i>Transfer to Dresden</i></p>
Evening 17:00-20:00	<p>18:00 – 19:00</p> <p>Historical Campus Tour</p>	<p>17:00 – 19:30 </p> <p>Guided Tour - Historical Collection of Dyes</p> <p>Dinner at Café Bianco</p>	<p>Evening program in Ostrov restaurant</p> <p></p>	<p></p> <p>Tisá Rocks Tour</p> <p>2 km/4 km/8 km tour</p>	

Monday, 27.06.2022

Time	Event	Location
10:00 – 12:00	<p>Dean of Faculty of Science / Michal Varady</p> <p>Head of Centre for Nanomaterials and Biotechnology / Jan Malý</p> <p>Dean of Faculty of Environment / Pavel Kuraň</p> <p><i>15 min. coffee break</i></p> <p>Dean of Mechanical Engineering / Michael Beckmann</p> <p>Professor for Biomaterials / Hans Peter Wiesmann</p> <p>Head of Corrosion and Surfaces, Institute of Material Science / Ute Bergmann</p> <p>Head of Department: Bio- and Nanotechnology, Fraunhofer Institute for Ceramic Technologies and Systems IKTS / Joerg Opitz</p>	<p>1) Feldschlösschen Stammhaus Budapester Straße 32</p> 
12:00 – 13:00		
14:00 – 17:00	<p>Creative Workshop</p> <p>→ Getting to know each other</p>	
18:00 – 19:00	<p>Historical Campus Tour</p>	<p>2) Görges-Bau TU Dresden Helmholtzstraße 9</p>

Tuesday, 28.06.2022

Time	Event	Location
9:00 – 9:20	Tereza Dušková	1) Feldschlösschen Stammhaus Budapester Straße 32
9:20 – 9:40	Pavel Kaule	
9:40 – 10:00	Marina Roshchina	
coffee break		
10:15 – 10:35	Michaela Průšová	
10:35 – 10:55	Franziska Alt	2) MBZ, Budapester Straße 27 3) Institute for Materials Science at TU Dresden Helmholtzstraße 7a 4) Historical Collection of Dyes, König-Bau TU-Dresden, Room 212, 5) Café Bianco, Weißbachstraße 6
10:55 – 11:15	Sara Jalali	
11:15 – 11:35	Ivan Lopez Carrasco	
12:00 – 13:00		
13:00 – 17:00	Laboratory visit • Institute for Materials Science at TU Dresden • MBZ	
17:00 – 19:30	Guided Tour: Historical Collection of Dyes Dinner at Café Bianco	



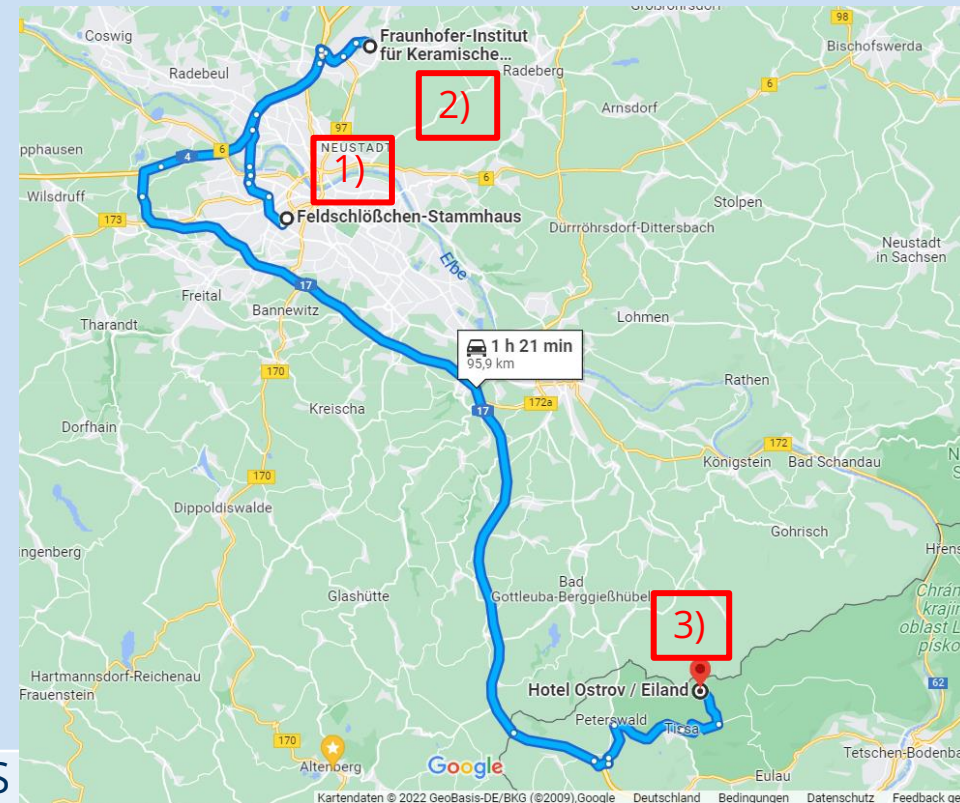
Tuesday, 28.6.2022	Name	Research field
9:00 – 9:20	Tereza Dušková	Metal complexes with polyfluorinated NHCs
9:20 – 9:40	Pavel Kaule	Preparation of heteroborane derivatives for thin film deposition by the covalent bond formation
9:40 – 10:00	Marina Roshchina	Development of new bacteria-killing coatings on beta-Ti-Nb alloy based on functional oxide nanotubular (ONT) layers
10:15 – 10:35	Michaela Průšová	Prostat, Glioblastoma and Mammary carcinoma cells derived exosomes: Their isolation, characterization and loading with doxorubicin
10:35 – 10:55	Franziska Alt	Formation of a microenvironment for directed differentiation of stem cells in a perfusion bioreactor
10:55 – 11:15	Sara Jalali	Degradable bone substitute materials with load-bearing properties - Fiber-strengthened silica aerogels
11:15 – 11:35	Ivan Lopez Carrasco	Development of immobilization protocols for Tro6 and Tro4 aptamers to be used in electrochemical biosensor

Wednesday, 29.06.2022

Time	Event
9:00 – 9:20	Sabine Apelt
9:20 – 9:40	Viktorie Neubertová
9:40 – 10:00	Kateřina Přibyllová
coffee break	
10:15 – 10:35	Jakub Hoskovec
10:35 – 10:55	Michal Syrový
10:55 – 11:15	Petr Panuška
11:15 – 11:35	Dmitry Belyaev
12:00 – 13:00	
13:00 – 16:00	Laboratory visit • IKTS
16:00 – 17:00	Transfer to Ostrov (1 h)
18:00	Evening program at restaurant in Ostrov 

Location


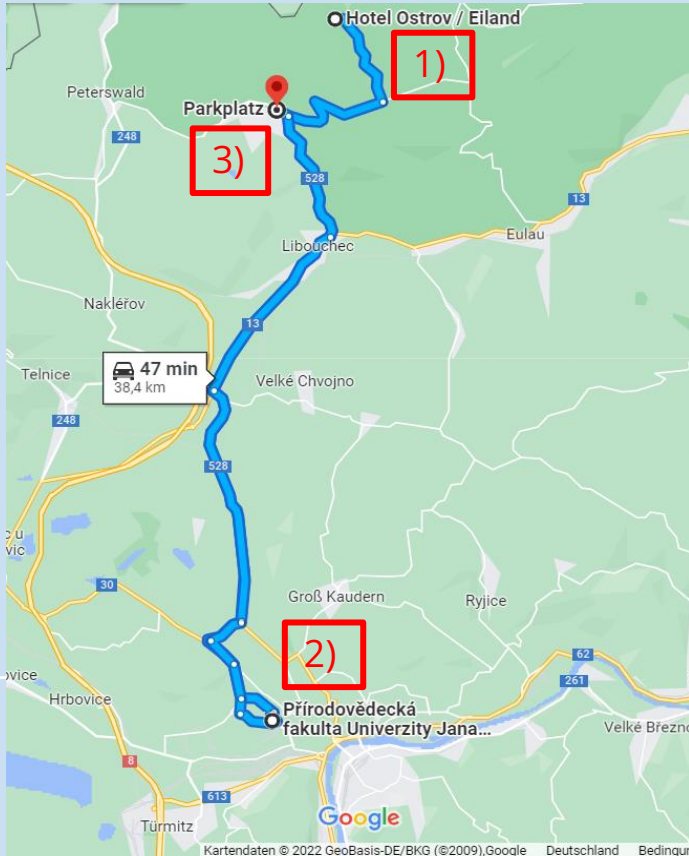


1) Feldschlösschen Stammhaus, Budapester Straße 32



2) IKTS
Maria-Reiche-Straße 2

Wednesday, 29.6.2022	Name	Research field
9:00 – 9:20	Sabine Apelt	Using biomimicry to design anti-ice surfaces
9:20 – 9:40	Viktorie Neubertová	Surface functionalization of Ti3C2T MXene for MRI contrast agent
9:40 – 10:00	Kateřina Přibylová	Preparation of nanostructured surfaces for CO2 Detection, Capture and Utilization
10:15 – 10:35	Jakub Hoskovec	Functionalized electrospun materials for selective capture of selected gases
10:35 – 10:55	Michal Syrový	Chemical modification of PAN – based nanofibrous membranes prepared by electrospinning and their properties for CO2 capture potential
10:55 – 11:15	Petr Panuška	A millifluidic chip for cultivation of fish embryos and toxicity testing fabricated by 3D printing technology
11:15 – 11:35	Dmitry Belyaev	Circular microfluidic systems for electro-chemical continuous monitoring of bio-chemicals in emulsion droplets

Thursday, 30.06.2022

Time	Event	Location
9:00 – 9:20	Muhammad Saqib	1) Hotel Ostrov, Ostrov u Tisé 12, 403 36 Tisá
9:20 – 9:40	Eliška Rezlerová	
9:40 – 10:00	Pavλίna Matysová	
coffee break		
10:15 – 10:35	Jan Dočkal	
10:35 – 10:55	Stefan Weitz	
10:55 – 12:00	Networking	
12:00 – 13:00		
14:00 – 17:00	Laboratory visit <ul style="list-style-type: none"> • Material Center • Faculty of Science • Faculty of Environment 	2) Pasteurova 3632/15, 400 96 Ústí nad Labem
17:00 – 20:00	Dinner Tisá Rocks Tour - 2 km/4 km/8 km tour	 3) Tiské stěny, Tisá 248, 403 36 Tisá

Thursday, 30.6.2022	Name	Research field
9:00 – 9:20	Muhammad Saqib	Algorithms and fluid-dynamic experimental platform for in vitro degradation studies of implant materials
9:20 – 9:40	Eliška Rezlerová	Adsorption and Diffusion of Short Hydrocarbons and Carbon Dioxide in Shale Organic Matter: Insights from Molecular Simulations
9:40 – 10:00	Pavλίna Matysová	Molecular Simulation of Salt Hydrates
10:15 – 10:35	Jan Dočkal	Molecular dynamics of interfacial solution structure of alkali-halide electrolytes at graphene electrodes
10:35 – 10:55	Stefan Weitz	Investigating the material hardness of mollusks shells in dry and wet states by microindentation
10:55 – 11:15		networking
11:15 – 11:35		

Friday, 01.07.2022

Time	Event
9:00 – 9:20	David Poustka
9:20 – 9:40	Katrien Boonen
9:40 – 10:00	Martin Kozakovič
10:00 – 10:20	Stefanie Ihmann
coffee break	
10:30 – 12:00	Workshop: Vision of the development, possibilities to cooperation
	Announcement of the best 3 presentations
	Closing of the conference
12:00 – 13:00	
13:00 – 14:00	Transfer to Dresden

1) Hotel Ostrov, Ostrov u Tisé 12, 403 36 Tisá



2) Dresden

Friday, 1.7.2022	Name	Research field
9:00 – 9:20	David Poustka	Unlocking mass production of photocrosslinked chitosan nanofibers
9:20 – 9:40	Katrien Boonen	The potential of dendrochemistry and dendroecology in pollution research
9:40 – 10:00	Martin Kozakovič	The effect of primary and secondary flows on the homogenization process in a vertical bladed mixer
10:00 – 10:20	Stefanie Ihmann	Engineering of bio-based Building and Construction Materials