

Summer school June 13- 17, 2022

Venue: *Riga Islande Hotel / Riga Technical University*

Partner universities:

Latvia University of Life Sciences and Technologies
 Riga Technical University
 Siauliai Academy, Vilnius University
 Vytautas Magnus University Agriculture Academy
 Estonian University of Life Sciences
 TTK University of Applied Sciences (Estonia)

Contact person:

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Benefits for students:

- Certificate of attendance;
- Europass Mobility document proving knowledge & skills acquired;
- Paid:
 - trip to / from the Summer school venue;
 - board and lodging.

AGENDA

Monday, June 13		
9:00-13:00	<i>Arrival</i>	
13:00-14:00	<i>Lunch</i>	
14:00-14:10	Opening Summer school 2022	Svetlana Atslēga, LLU (LV)
14:10-14:20	Information on organization	Anna Vintere, LLU (LV)
14:20-15:15	Team presentations (~5-10 min each)	
15:15-15:30	<i>Break</i>	
15:30-16:45	Student group work in an international team on real-life math problem	Renata Macaitiene, SA (LT) Virginija Garbaliuskienė, SA (LT) Anna Vintere, LLU (LV)
16:45-17:00	<i>Break</i>	
17:00-18:30	Group work presentations	Renata Macaitiene, SA (LT) Virginija Garbaliuskienė, SA (LT) Anna Vintere, LLU (LV)
~19:30	<i>Dinner</i>	
Tuesday, June 14		
9:00-12:00	Workshop: Data Analysis for Scientific Research	Janina Kaminskiene, VDU (LT) Daiva Rimkuvienė, VDU (LT)
12:00-13:30	<i>Lunch</i>	
13:30-16:30	Use of differential and integral calculations for the socio-economic problems solving	Anda Zeidmane, LLU (LV)
16:30-17:00	<i>Break</i>	
17:00-19:00	<i>Geometry Through the Lens of Art - Exploring Old Riga</i>	Anna Vintere, LLU
~19:30	<i>Dinner</i>	

Wednesday, June 15		
9:00-12:00	Use Derivatives to solve optimization problems	Elena Safiulina, TTK (EE)
12:00-13:00	<i>Lunch</i>	
13:30-15:00	<i>Study visit to National Library of Latvia</i>	Anna Vintere, LLU
15:00-15:30	<i>Break</i>	
15:30-18:30	Differentials and approximations	Elena Safiulina, TTK (EE)
~19:30	<i>Dinner</i>	
Thursday, June 16		
9:00-12:00	Modelling with MATLAB	Inta Volodko, RTU (LV) Tabita Treilande, RTU (LV) Sarmīte Čerņajeva, RTU (LV)
12:00-13:30	<i>Lunch</i>	
13:30-16:30	Workshop in Creative centre of RTU	Inta Volodko, RTU (LV) Tabita Treilande, RTU (LV) Sarmīte Čerņajeva, RTU (LV)
16:30-18:00	<i>Break</i>	
~18:00	<i>Dinner</i>	
19:00-22:00	<i>Geometry Through the Lens of Art - Exploring the Latvian National Opera</i>	Anna Vintere, LLU
Friday, June 17		
9:00-12:00	Mistakes in mathematics	Svetlana Atslēga, LLU (LV)
12:00-12:15	Summarizing the experience gained	Anna Vintere, LLU (LV)
12:15-12:30	Closing of summer school, issuing certificates	Svetlana Atslēga, LLU (LV)
12:30-14:00	<i>Lunch</i>	
14:00 ...	<i>Departure</i>	