

Bioenergy Technologies and Biotechnologies

Section Chair Assoc. Prof. Linda Mezule, Riga Technical University, Latvia

Scientific Committee Prof. T. Juhna, Riga Technical University, Latvia
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Pre-registration required

10.20–10.30	<i>Opening and welcome addresses</i> Linda Mezule , <i>Riga Technical University, Latvia</i>
10.30–10.50	Photocatalytic oxidation to remove biofouling from membrane surfaces Anton Rayan Priyasad Perera Weerasuriya Arachchige , <i>Riga Technical University, Latvia</i>
10.50–11.10	Drinking water biological stability Marta Zemite , <i>Riga Technical University, Latvia</i>
11.10–11.30	TiO ₂ -coated optical fibres illuminated using LEDs effects on bacteria viability and membrane integrity Talis Juhna , <i>Riga Technical University, Latvia</i>
11.30–11.50	Biotechnological application of <i>Dracocephalum ruyschiana</i> plant cell culture for the production of high value bioactive compounds Elza Kaktiņa , <i>University of Latvia, Latvia</i>
11.50–12.10	<i>Break</i>
12.10–12.30	Synthesis of green diesel and renewable hydrocarbons from alternative sources Ilze Malina , <i>Riga Technical University, Latvia</i>
12.30–12.50	Alkali activated metakaolin for the production of adsorbents for biogas upgrading Kristine Vegere , <i>Riga Technical University, Latvia</i>
12.50–13.10	Production of high-value liquid fuel from renewable marine biomass via bimetallic-boron nitride nanosheets (BNNS) catalyst: An integrated catalytic approach Sabarathinam Shanmugam , <i>Estonian University of Life Sciences, Estonia</i>
13.10–13.30	Biobutanol production from lignocellulosic waste Alise Anna Stipniece , <i>Riga Technical University, Latvia</i>
13.30–13.50	Biotechnological applications of <i>Z. mobilis</i> : how to overcome inhibitory effects in cofermentations Marta Rubina , <i>University of Latvia, Latvia</i>
13.50–14.30	<i>Break</i>
14.30–14.50	Process integration approaches between microalgae and thermochemical conversion processes Salini Chandrasekharan nair , <i>Estonian University of Life Sciences, Estonia</i>
14.50–15.10	Microalgae use for municipal wastewater post-treatment Aigars Lavrinovics , <i>Riga Technical University, Latvia</i>
15.10–15.30	Characterization of Biomolecules Present in Dairy Wastewater through various Techniques and Remediation processes Basanti Ekka , <i>Riga Technical University, Latvia</i>
15.30–	<i>Closure, discussions</i>

Seminar supported by Project No. 1.1.1.1./18/A/075

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