



## Programme

<b>Chair: Dr. Artūrs Zariņš</b>		
10.00 – 10.05	Opening	
10.05 – 10.30	<b>Juris Dzelme</b>	AI-INDUCED CHALLENGES <i>J. Dzelme</i>
10.30 – 10.40	<b>Līga Avotiņa</b>	THERMAL BEHAVIOUR OF BENZANTHRONE AND ITS 3-SUBSTITUTED DERIVATIVES IN AIR <i>E. Maškova, L. Avotiņa, A. Zariņš, E. Kirilova</i>
10.40 – 10.50	<b>Veronika Moiseja</b>	ADVANCED ANODES FOR SUSTAINABLE AQUEOUS RECHARGEABLE BATTERIES <i>V. Moiseja, R. Barjoud, A. Felsharuk, R. Meija, D. Erts, J. Andzane</i>
10.50 – 11:00	<b>Matīss Sondars</b>	NAFION MEMBRANE MODIFICATION WITH CARBON NANOTUBES FOR TRITIUM ELECTROCHEMICAL SEPARATION <i>M. Sondars, R.J. Zabolockis, E. Pajuste</i>
11:00 – 11.10	<b>Roberts Rinkis</b>	PHOTOVOLTAIC PROPERTIES OF CuO-Cu <sub>2</sub> O-ZnO HETEROSTRUCTURES UTILIZING COPPER FOIL & GRAPHENE AS THE RESPECTIVE ELECTRODES <i>R. Rinkis, D. Gavars, M. Volkova, R. Meija, D. Erts, J. Andzane</i>
<b>Coffee break</b>		
11.30 – 11:40	<b>Davis Gavars</b>	PHOTOTHERMOELECTRIC CHARACTERIZATION OF COPPER OXIDE AND ZINC OXIDE NANOWIRE HETEROSTRUCTURES <i>D. Gavars, M. Volkova, R. Meija, A. Kons, D. Erts, J. Andzane</i>
11.40 – 11.50	<b>Rūdolfs Jānis Zabolockis</b>	THE EFFECT OF IONIZING RADIATION ON N,N,N',N'-TETRA(2-ETHYLHEXYL) DIGLYCOLAMIDE RESIN PERFORMANCE FOR SCANDIUM SEPARATION <i>R.J. Zabolockis, L.D. Pakalniete, E. Mamis, L. Avotiņa, M. Rzepna, E. Pajuste</i>
11:50 – 12:00	<b>Nader Ashraf Ali</b>	THERMOELECTRIC AND ELECTROCHEMICAL CHARACTERISATION OF NATURAL POLYMER-BASED HYDROGELS <i>N.A. Ali, I. Oliseveca, D. Erts</i>
12:00 – 12:10	<b>Gustavs Henrijs Zvaigzne</b>	TESTING OF PHOTOELECTROCHEMICAL PERFORMANCE OF ADVANCED HETEROSTRUCTURES <i>G.H. Zvaigzne, R. Barjoud, A. Felsharuk, J. Andzane, R. Meija, D. Erts</i>
12:10 – 12:15	Closing	