



**82<sup>nd</sup> International Scientific  
Conference of the  
University of Latvia 2024**

**Modelling and smart transformation of  
economic systems.**

**Productivity Research Institute “University  
of Latvia Think Tank LV PEAK” conference  
section**

Friday, 1 March 2024, 10.00 – 13.00 (Riga time)  
Aspazijas bulv. 5, Room 324.

## Programme

<b>Moderators: Assist. Prof. Olegs Krasnopjorovs, Assoc. Prof. Olga Bogdanova</b>		
<b>Part 1: Solving the bottlenecks of energy transition. Moderator: Assoc. Prof. Olga Bogdanova</b>		
<b>10.00–10.15</b>	<b>Dr. Karlis Baltputns, Dr. Zane Broka</b> RTU Institute of Power Engineering	Modelling the future of the Baltic electricity market
<b>10.15–10.30</b>	<b>Karina Viskuba, Dr. Olga Bogdanova, Dr. Laila Zemīte</b> Latvenergo, Riga Technical University	Perspectives and Challenges of Demand Response in the Energy Transition Context
<b>10.30–10.45</b>	<b>Dr. Aigars Laizans, Dr. Laila Zemite, Dr. Andris Backurs.</b> Latvia University of Life Sciences and Technologies, Riga Technical University	Analysis and Recommendations on Electricity Consumption Trends
<b>10.45–11.00</b>	<b>Dr. Olga Bogdanova, Dr. Jurijs Spiridonovs.</b> University of Latvia, World Energy Council Latvia, RISEBA.	Energy transition: trends and challenges
<b>11.00–11.15</b>	<b>Dr. Arturs Brekis</b> Latvijas Universitāte	Novel electricity generation technology "SpaceTRIPS": it's potential applications in energy sector and possible impact on economy
<b>11.15–11.30: break</b>		

**Part 2: “Economic modelling and impact assessment”****Moderator: Assist. Prof. Olegs Krasnopjorovs**

<b>11.30–11.45</b>	<b>Dr. Oļegs Krasnopjorovs</b> Bank of Latvia, University of Latvia	How to accelerate economic growth rate in Latvia? Human capital component.
<b>11.45–12.00</b>	<b>Edgars Vītols</b> Ministry of Finance, University of Latvia	Fiscal risk management.
<b>12.00–12.15</b>	<b>Aleksejs Jursa</b> Ministry of Finance, University of Latvia	Are foreign direct investor companies more productive? An insight into the agricultural sector
<b>12.15–12.30</b>	<b>Ilja Mackans</b> University of Latvia	Conflict, Institutional Change and Economic Growth
<b>12.30–12.45</b>	<b>Aleksejs Popovs</b> University of Latvia	Development of Latvian manufacturing industry in the context of the Central and Eastern European region
<b>12.45–13.00</b>	<b>Dr. Dace Kalsone</b> Ministry of Education and Science	Latvian literacy in primary school and how it is affected by parental help at home: practical possibilities of multilevel modelling with Mplus
<b>13.00</b>	<b>Conclusion of the conference, discussions</b>	