

Program

Workshop SGSEKF22

16th September 2022, room E115

Opening session

Chair: prof. Ing. Jana Hančlová, CSc.

9:00 prof. Ing. Martin Macháček, Ph.D. et Ph.D.

Economics

Chair of session: doc. Ing. Aleš Melecký, Ph.D.

- 9:10 **Bc. Tomáš Váňa**
Similarity of TOPSIS results based on criterion variability: Case study on public economic.
Project no. SP2022/29 "Application of selected mathematical and statistical methods in the conditions of public economy", Roman Vavrek
- 9:30 **Ing. Daniel Pakši**
More advanced, more accurate in predicting inflation? Impact of education and economic development on inflation expectations.
Project no. SP2022/38 "Econometric modelling of macro-financial development determinants", Ngoc Anh Ngo
- 9:50 **Ing. Martin Krejčí**
What Affects Debt Enforcement Proceedings? Evidence from the Czech Republic.
Project no. SP2022/54 "Current challenges for urban development and labour market in the Czech Republic", Lenka Johnson Filipová
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10:10-10:20 Coffee Break

Economy and management

Chair of session: Ing. Jiří Franek, Ph.D.

- 10:20 **Ing. Markéta Pekarčíková**
Presidency trio in the EU Council: do countries agree or disagree on key issues?
Project no. SP2022/7 "New trends and methodological approaches in the development of composite indices and their application to territorial units of the European area", Jana Ostárková
- 10:40 **Bc. Simona Kurtinová**
Legal comprehensibility of the text.
Project no. SP2022/71 "Analysis of fraud in cross-border transactions and their impact on the identification of risks in business activities", Michal Koziel
- 11:00 **Ing. Daniela Kharroubi**
Remote Working During the Pandemic: Merits and Demerits.
Project no. SP2022/93 "The impact of remote working on organizational culture and its association with other aspects of work in the context of a pandemic situation", Daniela Kharroubi
- 11:20 **Ing. Lucie Waliszewska**
Customer Typology on the Travel Market.
Project no. SP2022/126 "Analysis of Consumer Attitudes in the B2C Market", Tereza Prešnajderová
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11:40-12:00 Coffee Break

Finance

Chair of session: doc. Ing. Aleš Kresta, Ph.D.

- 12:00 **Bc. Marek Mandak, Bc. Tereza Mlčochová**
Personal Income Tax Progressivity in the Czech Republic.
Project no. SP2021/1 "Evaluation of the Personal Income Tax Reform Effects on tax Revenue and Tax Progressivity in the Czech Republic", Michal Krajňák
- 12:20 **Ing. David Neděla**
Systemic Risk Prediction Using Entropy Rule in Double Portfolio Selection Strategy.
Project no. SP2022/4 "Analysis of complex models for financial decision-making", Tomáš Tichý
- 12:40 **Xiaojuan Wu**
The moderating role of a corporate life cycle with the impact of economic value-added on corporate social responsibility: evidence from China's listed companies.
Project no. SP2022/58 "Financial models under market and technical risk and uncertainty with learning", Zdeněk Zmeškal
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Systems Engineering and Informatics

Chair of session: doc. Mgr. Ing. František Zapletal, Ph.D.

- 13:00 **Bc. Martin Špaček**
Usage of Unmanned Aerial Vehicles for Detection of Plant Anomalies.
Project no. SP2022/74 "Computational Intelligence in the Prediction of Economic Quantities, Data Mining and Economic Process Modeling", Ivana Čermáková
- 13:20 **Ing. Miloš Švaňa**
Waste collection vehicle routing using smart reports.
Project no. SP2022/113 "Modelling opinions and preferences by fuzzy logic approaches: coalitions, aggregations and functional dependencies", Miroslav Hudec
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Guarantor: prof. Ing. Jana Hančlová, CSc.
Vice-Dean for Science, Research and Doctoral Studies