The Competition for the Best Dissertation Defended in 2025

Economics, Finance and Management

- Angelika Kantor • Artur Budzyński
- Jacek Woźnikowski • Kamil Kwiecień
- Markéta Pekarčíková • Michał Ujma
- Solomon Kunle Omogbemi • Sylwia Gatnar

Category 1: Economics, Finance and Management

1st	Kamil Kwiecień
2nd	Artur Budzyński
3rd	Markéta Pekarčíková

Final results

Best 5 dissertations defended in 2025

Raw materials, Energy and the Environment

- Anna Wolny • Klaudia Stando
- Łukasz Sroka • Rudolf Ricka

Category 2: Raw materials, Energy and the Environment

1st	Anna Wolny
2nd	Rudolf Ricka
3rd	Klaudia Stando

Health and Applications in Healthcare

- Agata Sage • Agnieszka Antończyk
- David Pakizer • Hanna Zadoń
- Nicole Kmec Bedri • Patrik Matlak
- Richard Novobilský • Sara Sarraj

Category 3: Health and Applications in Healthcare

1st	Agata Sage
2nd	David Pakizer
3rd	Nicole Kmec Bedri

Information Technology and Electrical Engineering

- Jana Štureková • Radek Svoboda
- Lucia Ondrigová
- Vinh Khuong Nguyen

Category 4: Information Technology and Electrical Engineering

1st	Lucia Ondrigová
2nd	Radek Svoboda
3rd	Jana Štureková

Competitive Engineering and Materials Research

- Augustine Nana Sekyi Appiah • Jan Jansa
- Jakub Smoleń • Ramesh Kumpati
- Zuzana Straková

Category 5: Competitive Engineering and Materials Research

1st	Augustine Nana Sekyi Appiah
2nd	Zuzana Straková
3rd	Ramesh Kumpati

Final results

- ## Category: Economics, Finance and Management

1st - **Kamil Kwiecień** - The role and importance of external stakeholders from the perspective of companies operating based on circular business models
2nd - **Artur Budzyński** - Forecasting prices for road freight transport services using machine learning
3rd - **Markéta Pekarčíková** - Measuring and evaluating the economic integration of the Member States of the European Union

- ## Category: Raw Materials, Energy and the Environment

1st - **Anna Wolny** - Projectable catalytic systems for the fine chemicals synthesis sector
2nd - **Rudolf Ricka** - Research on Photocatalytically Active Materials for the Photocatalytic Reduction of Carbon Dioxide
3rd - **Klaudia Stando** - Development and application of new analytical procedures for determining selected pollutants and their transformation products in the environment

- ## Category: Health and Applications in Healthcare

1st - **Agata Sage** - Methodology for processing acoustic signals and image data for the purpose of computer-assisted speech therapy diagnostics
2nd - **David Pakizer** - Diagnosis of unstable atherosclerotic plaque of carotid arteries by non-invasive imaging modalities
3rd - **Nicole Kmec Bedri** - Assessment of Interactions of Ionising Radiation with Implantable Metallic Replacements in Radiotherapy Treatment

- ## Category: Information Technology and Electrical Engineering

1st - **Lucia Ondrigová** - Explainable GenAI for Histopathological Image Analysis
2nd - **Radek Svoboda** - Time Series Forecasting
3rd - **Jana Štureková** - Contactless Vital Signs Estimation using Neural Networks

- ## Category: Competitive Engineering and Materials Research

1st - **Augustine Nana Sekyi Appiah** - Deformation-Induced Size Effects on the Structure and Mechanical Properties of Heterogenous L-PBF Fabricated AlSi10Mg Alloys
2nd - **Zuzana Straková** - Study of the Effect of Increased Iron Content on the Corrosion and Fatigue Resistance of Secondary Aluminium Alloys
3rd - **Ramesh Kumpati** - Optimization method for ultralight aerial composite structures