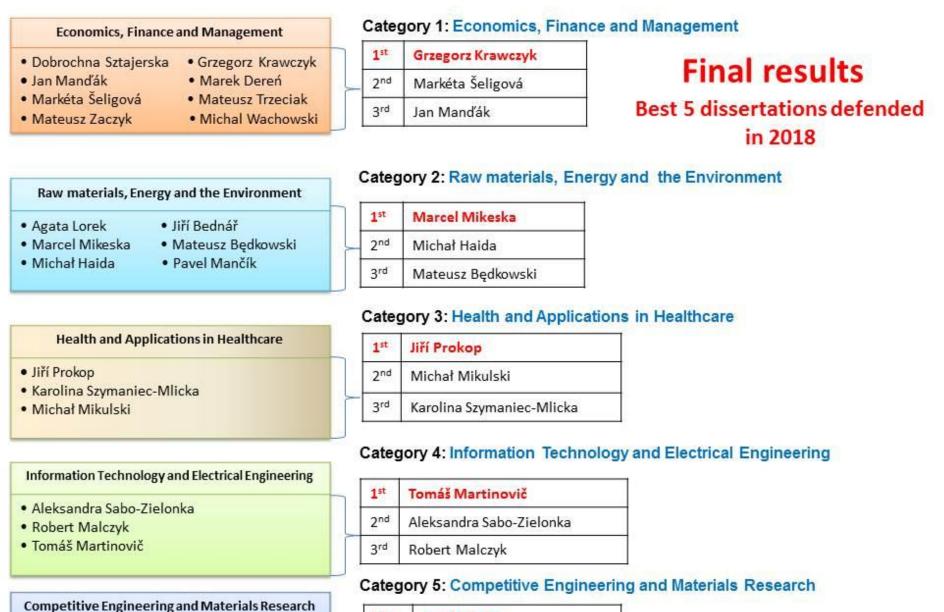
The Competition for the Best Dissertation Defended in 2018



 1st
 Josef Hlinka Denisa Závodská

 2nd
 --- Neuděleno / not awarded --

 3rd
 Maciej Sowa

Anastasia Volodarskaja
 Denisa Závodská

Angelika Wronkowicz-Katunin
 Maciej Sowa

Ivana Petríková
 Lenka Pazourková

Josef Hlinka

Final results

• Category: Economics and finance

1st - Grzegorz Krawczyk - Impact of Public Procurement System on the Functioning of Transport Market in Poland

2nd - Markéta Šeligová - Funding sources in relation to the management of payment ability of companies in the Czech Republic
 3rd - Jan Mand'ák - Proposal and implementation of churn prediction system for telecommunications company

• Category: Raw materials, energy and the environment

1st - Marcel Mikeska - Application of organically modified vermiculite for sorption of pollutants

2nd - Michał Haida - Numerical modelling of the R744 two-phase ejectors using homogeneous relaxation CFD and reduced-order approaches 3rd - Mateusz Będkowski - Mathematical modelling of coupled thermal and electromagnetic processes in an electric switchgear

Category: Health and applications in healthcare

1st - Jiří Prokop - Measurement of Breast Tissue Stiffness – Examination Technique Increasing the Effectiveness of Secondary Prevention of Breast Cancer

2nd - Michał Mikulski - Electromyography-Based diagnostics and therapy of clinically weak patients

3rd - Karolina Szymaniec-Mlicka - The influence of strategic orientation of an organization on the effectiveness of its functioning on the example of public healthcare entities

• Category: Information Technology and Electrical Engineering

1st - Tomáš Martinovič - Tools for time series analysis of nonlinear dynamical systems

2nd - Aleksandra Sabo-Zielonka - Order-picking planning decision-making models in a modern warehouse **3rd - Robert Malczyk** - Modeling of magnetic hysteresis for the needs of circuit simulation

• Category: Competitive Engineering and Materials Research

1st - Josef Hlinka - Testing and evaluation of corrosion resistance of selected metallic biomaterial and their surface treatment

& - Denisa Závodská - Fatigue properties of AlZn10Si8Mg alloy with different Fe content

2nd - Neuděleno / not awarded

3rd - Maciej Sowa - Study of surface modification process of zirconium, niobium and tantalum by highvoltage electrochemical oxidation