

The Competition for the Best Dissertation Defended in 2016

Final results Best 5 dissertations defended in 2016

Economics and Finance	
•Stanislav Cút	•Jiří Franek
•Martin Klepek	•Rafał Buła
•Roman Namysłowski	
•Eva Poledníková (Minarčíková)	

Category: Economics and finance

1 st	Rafał Buła
2 nd	Jiří Franek
3 rd	Martin Klepek

Raw materials, Energy and Environment	
•Barbara Matuszková	•Karolina Knapik
•Ladislav Šigut	•Libor Baraňák

Category: Raw materials, energy and the environment

1 st	Ladislav Šigut
2 nd	Karolina Knapik
3 rd	Barbara Matuszková

Health and Applications in Healthcare	
•Damian Nakonieczny	•Franciszek Binczyk
•Jana Valečková	•Lenka Šáteková
•Justyna Knapik-Kowalczuk	

Category: Health and applications in healthcare

1 st	Franciszek Binczyk
2 nd	Justyna Knapik-Kowalczuk
3 rd	Lenka Šáteková

Information Technology	
•Grzegorz Tadeusz Machnik	
•Ivan Lovás	

Category: Information Technology

1 st	Neuděleno / not awarded
2 nd	Neuděleno / not awarded
3 rd	Neuděleno / not awarded

Competitive Engineering, Materials Research	
•Bartłomiej Będkowski	•Gabriela Rožnovská
•Krzysztof Twardoch	•Magdalena Macek
•Magdalena Tarnacka	•Marek Gebauer
•Marta Sołtys	•Anna Brzozowska-Stanuch

Category: Competitive Engineering, Materials Research

1 st	Marek Gebauer
2 nd	Magdalena Macek
3 rd	Marta Sołtys

Final results

- **Category: Economics and finance**

1st - Rafał Buła - Implications of the fractal market theory for the assessment of financial investment risk

2nd - Jiří Franek - Verification and application of non-linear multiple criteria decomposition decision making methods in area of business management

3rd - Martin Klepek - Marketing communications of brands on social media in the Czech Republic

- **Category: Raw materials, energy and the environment**

1st - Ladislav Šigut - Analysis of dynamics of net ecosystem exchange and gross primary production estimated by eddy covariance method in forest ecosystems in the Czech Republic

2nd - Karolina Knapik - Experimental and numerical analyses of fly ash from fluidized bed combustion applications for selected ground improvement

3rd - Barbara Matuszková - The biodiversity of Lepidoptera in reclaimed areas within the postmining landscape

- **Category: Health and applications in healthcare**

1st - Franciszek Binczyk - Processing and analysis of data obtained using Nuclear Magnetic Resonance technology in the diagnosis and treatment of brain tumours

2nd - Justyna Knapik-Kowalczuk - Effective ways of stabilizing the amorphous form of ezetimib drug

3rd - Lenka Šáteková - The measuring tools to assess the risk of pressure ulcers

- **Category: Information Technology**

1st - Not awarded

2nd - Not awarded

3rd - Not awarded

- **Category: Competitive Engineering, Materials Research**

1st - Marek Gebauer - Study of New Way of Cooling Brakes for Racing Car

2nd - Magdalena Macek - Structure and properties of aluminium nanocomposite materials reinforced with carbon nanotubes

3rd - Marta Sołtys - Synthesis and properties of lead phosphate glasses doped with lanthanide ions