The Competition for the Best Dissertation Defended in 2016

**Economics and Finance**
- Stanislav Čtě
- Jiří Franek
- Martin Klepek
- Rafał Buła
- Roman Namysłowski
- Eva Poledniková (Minarčíková)

**Category: Economics and Finance**
1st: Rafał Buła
2nd: Jiří Franek
3rd: Martin Klepek

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

**Category: Raw materials, energy and the environment**
1st: Ladislav Šigut
2nd: Karolina Knapik
3rd: Barbara Matuszková

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

**Category: Health and applications in healthcare**
1st: Franciszek Binczyk
2nd: Justyna Knapik-Kowalczuk
3rd: Lenka Šáteková

**Information Technology**
- Grzegorz Tadeusz Machnik
- Ivan Lovás

**Category: Information Technology**
1st: Neuděleno / not awarded
2nd: Neuděleno / not awarded
3rd: Neuděleno / not awarded

**Competitive Engineering, Materials Research**
- Bartłomiej Będkowski
- Gabriela Różnovská
- Krzysztof Twardoch
- Magdalena Macek
- Magdalena Tarnacka
- Marek Gebauer
- Marta Soltyś
- Anna Brzozowska-Stanuch

**Category: Competitive Engineering, Materials Research**
1st: Marek Gebauer
2nd: Magdalena Macek
3rd: Marta Soltyś

**Final results**
Best 5 dissertations defended in 2016
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-Kowalczyk** - 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 Soltyś** - Synthesis and properties of lead phosphate glasses doped with lanthanide ions