

Ten specific examples of cooperation in R&D&I at international level

- Cooperation with Australia, in particular long-term cooperation with the Australian National University (ANU) in Canberra, where three research visits were conducted in April-September 2015, April-September 2018, November-December 2018. This cooperation focused on two core areas. First, cooperation with the ANU Center for European Studies on internationally relevant issues of energy finance and cooperation, secondly, cooperation with the ANU Crawford School of Public Policy focused on theoretical research as well as economics policies in the area of “green” finance and development of renewable energy sources contributing to reduction the impacts of climate change. The main cooperating ANU partner is Professor Warwick McKibbin, a former board member of the Australian Central Bank and current director of the Center for Applied Macroeconomic Analysis at ANU.
- Cooperation with the USA, namely the University of California, Berkeley. During the 2014-2018 period the authorial cooperation with UC Berkeley, established during the academic mobility of Prof. Janda at UC Berkeley in the 2010/11 academic year and resulting in five articles in major world high impact factor journals co-authored by two UC Berkeley professors Gordon Rausser and Professor David Zilberman. Cooperation with Prof. Rausser was focused on microfinance as an example of socially responsible financing. Cooperation with Prof. Zilberman was mainly aimed at the relationship of finance and economics of climate change.
- The Faculty of International Relations underlined Project N. 21420039 within The International Visegrad Fund - “How to Benefit from Global Value Chains? - Implications for the V4 Countries” (2015) - cooperation with the Hungarian Academy of Sciences - Center for Economic and Regional Studies, Jagiellonian University, Kraków and the University of Economics in Bratislava.
- “Czech-Norwegian Network for Capacity Building in Integrated Water Resources Management” (2014) - the Czech-Norwegian workshop on water resources policy and management took place on the premises of VSE. The workshop and the visit of leading experts from Norway contributed to developing a better solution of the problem of water purification in a drinking water reservoir on the Vrchlice River and to the applications mentioned in the methodology as output of TACR OMEGA 010092 with the total budget being EUR 13,063.
- In 2014-2018, the Faculty of Business Administration cooperated on the EU FP7 “CUPESSE” project led by the University of Heidelberg, which focused on the issue of employment of young people in the European labour market, their economic self-sufficiency and entrepreneurial activity. The output of the project were, among others, published articles in international journals in the field of social sciences in Q1 or preparation of policy briefs and other reports for the European Commission.
- Cooperation with the Universidad politecnica de Madrid (Dr. Jorge Gracia), which resulted in the joint COST Action “NexusLinguarum” project. Currently, the internship of Ing. Viet Bach Nguyen, doctoral student, (his supervisor is Professor Svátek) is being prepared for his three-month stay at this Spanish workplace.
- Another example of developing cooperation is a continuous project with the University of Bamberg. This cooperation was established on the basis of the implementation of the BTHA (Bayerisch-Tschechische Hochschulagentur) bilateral project. Thanks to the project it was possible to invite a group of Prof. Ute Schmid (CoGnitive Systems Group,

University of Bamberg). During the visit, which took place in October 2019, a workshop was organised for students and a workshop aimed at finding links between association rules mining and inductive logic programming (ILP). For the purpose of comparing the ILP results of the Aleph system used at the University of Bamberg, the RDF-Rules tool, developed at the Department of Information and Knowledge Engineering of the Faculty of Informatics and Statistics, was modified to include a relational dataset. This has prepared the potential for further long-term cooperation.

- Cooperation with Canada at McGill University in Montreal from May 2016 to September 2017. Established cooperation with microeconomists at two leading Canadian universities - McGill University and Université Laval. Collaboration resulted in a joint research in the area of price transfers in analyzed commodities, see e.g. publications - Janda, Karel; Kourilek, Jakub and Trabels, Sarah. "Price Co-Movement between Biodiesel and Natural Gas" *Journal of Environmental Management and Tourism* 2017, 8 (1), pp. 7-16.
- Cooperation with the University of Essex (UK) on the development of the EUROMOD microsimulation model, where VSE was a member of the national team for the Czech Republic, 2014-2018. The result is a microsimulation model for all EU countries, which is continually updated, and it is used both for scientific purposes and for evaluating the impact of tax and benefit reforms, see <https://www.euromod.ac.uk/> for more details.
- Open Budget Project, USA - international comparative research of state budget transparency, which serves as an important tool in advocacy of higher fiscal transparency both in the Czech Republic and worldwide. VSE has been a project partner since 2003.