Projects and cooperations

Projects

- European Partnership on Radioactive Waste Management - 2 (EURAD-2) – Framework Programme EU for Research and Innovation Horizon 2020, project 101166718, 2024–2029, coordinator of the IGN research team
- Engineered Barrier System Task Force (EBS TF), Task 13: Unsaturated homogenization, 2021–2023, member of the IGN research team
- European Joint Programme on Radioactive Waste Management (EURAD) – Framework Programme EU for Research and Innovation Horizon 2020, cofund action 847593, workpackage "Development and improvement of numerical methods and tools for modelling coupled processes" (DONUT), 2020–2023, member of the IGN research team
- Efficient and reliable computational techniques for limit analysis and incremental methods in geotechnical stability – Czech Science Foundation, grant no. 19-11441S, 2019–2021, member of the IGN research team
- IT4Innovations excellence in science – Ministry of Education, Youth and Sports of the Czech Republic – National Sustainability Program II, project no. LQ 1602, 2016–2020, member of the IGN research team
- Centre of excellence IT4Innovations – Operational Programme Research and Development for Innovations, project no. CZ.1.05/1.1.00/02.0070, 2015, member of the IGN research team
- Support for building excellent research teams and intersectoral mobility at Palacký University in Olomouc II (POST-UP II) – Operational Programme Education for Competitiveness, project no. CZ.1.07/2.3.00/30.0041, 2013–2015, member of the research team
- Qualitative analysis of contact problems with friction and asymptotically optimal algorithms for their solution – Czech Science Foundation, grant no. 201/07/0294, 2008–2011, member of the CU research team
- Qualitative analysis of discrete contact problems with friction and its application to numerical realization – Grant Agency of the Charles University, project no. 18008, 2008–2009, investigator