

Research projects: «Chemistry & Materials Science»

№	University	Research project	Head of research project	Link to research project
1.	Kazan (Volga region) Federal University	Kinetic modeling of heavy oil component transformation during non-catalytic and catalytic aquathermolysis	Varfolomeev Mikhail Alekseevich	https://kpfu.ru/eng/admission/the-international-olympiad-organized-by-global/postdoc-track-olympics-program
2.	Kazan (Volga region) Federal University	Establishing Reaction Schemes and Evaluating Kinetic Parameters of Heavy Oil Aquathermolysis in the Presence of Various Additives Based on Experimental Data Using a Kinetic Approach and Building Systems of Differential Equations for the Processes	Varfolomeev Mikhail Alekseevich	https://kpfu.ru/eng/admission/the-international-olympiad-organized-by-global/postdoc-track-olympics-program
3.	Southern Federal University	Analysis of big experimental data based on supercomputer modeling and machine learning technologies	Alexander Soldatov	https://www.study.sfedu.ru/postdocs_proj1_eng
4.	Southern Federal University	Development and prediction of advanced novel materials properties using computer modeling and machine learning methods	Alexander Soldatov	https://www.study.sfedu.ru/postdocs_proj3_eng