Potential scientific supervisors: Chemistry and Materials Science

№	Full name	University	Field of study	Link to portfolio
1	Uspenskay Mayya	ITMO University	Chemistry of polymers: 1. Polymerization processes 2. Composition-structure-property relationships 3. Development of methods for obtaining polymer composites with specified performance characteristics	https://aspirantura.itmo.ru/?main=43&page=892
2	Rodin Alexey	NUST MISIS	Solid state physics, Interaction of electromagnetic radiation with materials, Diffusion and defects in metals, nanocrystalls, grain boundary diffusion and grain boundary segregation, grain boundary wetting and liquid metal embrittlement.	https://en.misis.ru/science/community/scientists/international/4592/
3	Pestryakov Alexey	Tomsk Polytechnic University	Development of nanometal based catalysts for gas- and liquid-phase conversion of carbon dioxide and conversed biomass products	http://masters.tpu.ru/uploads/2021/Анкеты_Глобальные_Университеты/04.06.01-pestryakov-aya-2021-2021-08-25.pdf
4	Kazmina Olga	Tomsk Polytechnic University	Multifunctional foamed materials and coatings based on glass and ceramics	http://masters.tpu.ru/uploads/2021/Анкеты_Глобальные_Университеты/18.06.01-kazminaaya-2021-2021-08-25.pdf

5	Bartashevich Ekaterina	South Ural State University	Research interests of Dr. Bartashevich are in the fields of chemical bonding and non-covalent interactions in molecular crystals, quantitative relationships “structure – physical properties”, electronic descriptors based on electron density and electrostatic potential.	https://www.susu.ru/en/education/open-doors-olympiad/bartashevich-ekaterina
6	Kovaleva Elena	URFU	-Surface electrochemistry of hydrated nanoporous and nanostructured materials -EPR spectroscopy of transition metal ions complexes and nitroxides as spin probes and labels in solid-state objects -Sorption and catalytic studies of ion-exchange resins, cellulose – inorganic hydrogels composites and nanoporous oxides of Al, Ti, Zr, Si in different processes - Homogenous and heterogeneous enzymatic catalysis - Food Chemistry of biologically active substances and Biotechnology - Foods enriched with biologically active substances	https://science.urfu.ru/en/persons/%D0%B5%D0%BB%D0%B5%D0%BD%D0%B0-%D0%B3%D0%B5%D1%80%D0%BC%D0%B0%D0%BD%D0%BE%D0%B2%D0%BD%D0%B0-%D0%BA%D0%BE%D0%B2%D0%B0%D0%BB%D0%B5%D0%B2%D0%B0
7	Mironov Maxim	URFU	Multicomponent reactions in microheterogeneous systems: liposomes, microgels and colloidal crystals	https://science.urfu.ru/en/persons/%D0%BC%D0%B0%D0%BA%D1%81%D0%B8%D0%BC-%D0%B0%D0%BD%D0%B0%D1%82%D0%BE%D0%BB%D1%8C%D0%B5%D0%B2%D0%B8%D1%87-%D0%BC%D0%B8%D1%80%D0%BE%D0%BD%D0%BE%D0%B2
8	Cherepanov Vladimir	URFU	Solid state chemistry, phase equilibria, thermodynamic stability, oxygen nonstoichiometry, defect structure, related properties (conductivity, oxygen permeability, thermal expansion)	https://science.urfu.ru/en/persons/%D0%B2%D0%BB%D0%B0%D0%B4%D0%B8%D0%BC%D0%B8%D1%80-%D0%B0%D0%BB%D0%B5%D0%BA%D1%81%D0%B0%D0%BD%D0%B4%D1%80%D0%BE%D0%B2%D0%B8%D1%87-%D1%87%D0%B5%D1%80%D0%B5%D0%BF%D0%B0%D0%BD%D0%BE%D0%B2