

GAČR 2025: Approved Standard Projects

Principal investigator	Beneficiary	Partner	Project title
Bludský Ota	UPCE	IOCB	Tailoring Mass Transport Properties of Porous Materials for Enhanced Adsorption and Catalysis
Bouř Petr	IOCB	UP	Exploration of new forms of Raman optical activity
Hocek Michal	IOCB	--	DNA Display of Ligands or Reactive Groups for Multivalent Spatial Recognition, Recruitment and Arrangement of Proteins
Kaleta Jiří	IOCB	--	Multiphotochromic Molecular Machines
Nachtigallová Dana	UCT	IOCB	Modelling of photochemistry in UV-Vis and X-ray domains in complex molecular systems
Rubeš Miroslav	UCT	IOCB	Advancing Cu/ZnO/Al ₂ O ₃ Catalysts: From Synthesis Strategies to Catalytic Performance
Řezáč Jan	IOCB	--	Machine-learning enhanced quantum chemistry for biomolecules in solution
Straka Michal	IIC CAS	IOCB	The magnetic and bonding properties of metallaboranes as a function of bonded metal cations: An interplay between the theory and experiment