

PhD Position in Optical Sensors and Switches
Institute of Organic Chemistry, Bulgarian Academy of Sciences, Sofia

A position in developing of new optical sensing molecules is available at the Laboratory of Physical Organic and Computational Chemistry. The investigations are part of the Bulgarian-Swiss Joint Research Project “Tautocrowns”, the project “MolSwitch” funded by The National Science Found and the collaboration with the Free University of Amsterdam, University of Roskilde, University of Graz, University of Fribourg and Humboldt University of Berlin in the field of tautomeric and macrocycle compounds.

New state-of-the-art spectral equipment (room and ultra-low temperature UV-Vis-NIR, FI, IR and NMR) and computational facilities are available. Training and research at the partner universities will be provided as a part of the PhD program. The training and research program is flexible and will be based on the candidate abilities. There are possibilities for spectral studies, synthesis, quantum-chemical calculations and advanced data processing.

We are looking for well motivated person with MSc degree in Organic /Analytical/Physical/Computational Chemistry, reasonable English (language course is provided) and computer literacy.

Institute of Organic Chemistry is an equal opportunity employer.

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