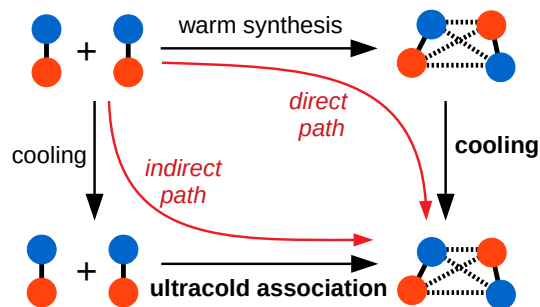




B.Sc., M.Sc., Ph.D. student positions in the Quantum Molecular Systems Group

Project:

"Ultracold polyatomic molecules for controlled chemistry and precision physics" within the **ERC Starting grant**. The project will be realized at the Faculty of Physics of the University of Warsaw under the direction of **prof. Michał Tomza** (<http://quantmol.uw.edu.pl>).



The aim of this project is to understand and harness the increasing complexity of ultracold polyatomic molecules to probe the fundamentals of chemistry and physics. We will extend the range of ultracold polyatomic molecules and their applications in controlled chemistry and precision spectroscopy.

Candidate's profile:

- Appropriate experience or degree in physics, chemistry or related field and the status of B.Sc, M.Sc., or Ph.D. student at the University of Warsaw.
- Wish to complete B.Sc, M.Sc., or Ph.D. thesis in physics or chemistry in our group.
- Interest in the subject and motivation to scientific work.
- Knowledge of quantum mechanics and experience in programming will be an additional advantage.

Application should include:

- Cover letter.
- Curriculum Vitae with the list of publications.
- Transcript of records from undergraduate studies.

Candidate should expect:

- Scholarship appropriate for the position.
- Participation in projects at the forefront of AMO physics and quantum chemistry in collaboration with our foreign theoretical and experimental research partners.
- Participation in scientific schools and conferences.
- Learning and developing skills in the field of AMO physics and quantum chemistry.

How to apply:

Applications should be submitted to prof. Tomza by e-mail: michal.tomza@fuw.edu.pl

All applicants are encouraged to contact prof. Michał Tomza prior to the application.