

Two PhD positions in Organic Chemistry in Bunescu Lab

We are interested in hiring an outstanding and highly motivated PhD student in organic chemistry in the research group of Dr. Ala Bunescu (<https://www.bunescu.de/>) at Kekulé-Institute, University of Bonn, Germany (<https://www.chemie.uni-bonn.de/de>).

Description of the research program: Our research group's goal is to develop novel catalytic strategies to access organic molecules with lower ecological and economic impacts. The project will be on non-directed C-H functionalization or on photocatalytic transformations with earth-abundant transition metals. If you have further questions regarding the project please contact Dr. Ala Bunescu at ala.bunescu@uni-bonn.de

Relevant skills of the applicant:

- MSc (or equivalent) degree in chemistry
- Strong theoretical and practical background in organic chemistry and experience in analytical techniques (NMR, MS, GC, HPLC etc.)
- Strongly interested in transition metal catalysis
- Good level of oral and written English
- Predisposition to work in collaborative settings

Expected training: The successful applicant will receive state-of-the-art training in organometallic chemistry, catalysis, synthetic organic chemistry, ligand design, methodology development, mechanistic investigations.

Application process: Please email your application as single PDF to ala.bunescu@uni-bonn.de before July 1st, 2023. The expected starting date is the October 1st, 2023, or earlier upon arrangement. The application should contain the following elements:

- Cover Letter
- Curriculum Vitae
- The contact details for 1-2 referees
- 2-3 pages' summary of your previous research experience
- Transcript of grades