



# NATIONAL INSTITUTE OF CHEMISTRY

Department for Environmental Sciences and Engineering

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## CALL FOR APPLICATIONS FOR PhD STUDENT POSITION (m/f) IN CHEMICAL ENGINEERING

The Department for Environmental Sciences and Engineering of the National Institute of Chemistry, Ljubljana, Slovenia, invites all students of engineering and natural sciences (preferentially from the fields of chemical reaction engineering, catalysis, inorganic chemistry, physical chemistry and materials) to apply for the PhD student position (m/f), financially supported by the Slovenian Research Agency for the period of four (4) years. The field of research is going to be the synthesis and characterization of advanced heterogeneous catalysts utilized in visible-light assisted photocatalytic processes.

The Department for Environmental Sciences and Engineering carries out fundamental and applied research at a top level in the following fields: heterogeneous catalysis in the field of environmental protection (cleaning waste water, harvesting energy from biomass and waste materials), reaction kinetics and mechanisms, design and dimensioning of processes. We are developing breakthrough technologies in order to solve current issues in the area of environment and energetics, with a special emphasis on heterogeneous catalytic processes. We are co-operating in our research with numerous academic and research institutions at home and abroad.

The candidates are required to have successfully completed the second Bologna cycle of their studies until September 2018. The selected candidate will be enrolled in a doctoral programme at the Faculty of Chemistry and Chemical Technology of the University of Ljubljana or at the Jožef Stefan International Postgraduate School in autumn 2018. The candidates are expected to have good grades and to be highly motivated, self-initiative, diligent, communicative and able to work interdisciplinarily and in a team. We are offering work in a stimulating and superiorly equipped environment with a chance of personal development and promotion.

All applicants are invited to send their CV, letter of motivation, and letter of recommendation along with their grade report to the following e-mail address: [albin.pintar@ki.si](mailto:albin.pintar@ki.si). The position will be open until a suitable candidate has been selected.

Albin Pintar, PhD  
Head of the Department for Environmental Sciences and Engineering

Information about the research group: <https://www.ki.si/en/departments/d05-department-for-environmental-sciences-and-engineering/department-pages/>

