



## **Janko Jamnik Doctoral Scholarship for Promising Early-Stage Researchers in Chemistry and Related Sciences**

This tender is open to candidates (M/F) who will complete the VII/2 level of study in chemistry and related sciences (e.g. chemistry, chemical technology, pharmacy, physics, mathematics, biochemistry, biotechnology, biology, microbiology, molecular biology, materials, etc.) by the end of September 2018 and have never previously enrolled in a doctoral study.

The scholarship covers the salary of the chosen candidate, the doctoral study enrolment fee, one visit to a conference of the candidate's choice per year, and the costs of further training abroad for up to six months.

Within the enrolment deadline, the chosen candidate must meet all the conditions for enrolment in a doctoral study in the 2017/2018 academic year in one of the doctoral programmes of the University of Ljubljana. The candidate will choose a department, topic and mentor for their doctoral thesis in agreement with one of the department heads of the National Institute of Chemistry. The list of possible topics for this year's tender is published on the National Institute of Chemistry's website. For more information on a specific topic, the candidates can contact the listed mentor.

After submitting evidence of meeting the conditions of this tender and for enrolment, the chosen candidate will sign an employment contract for the position of an "early-stage researcher" and a scholarship contract that will determine their rights and obligations in greater detail. The employment contract will be concluded for the period until obtaining a doctorate or for a maximum of 4 years.

When applying, the candidates are requested to enclose the following:

- CV;
- at least two recommendation letters;
- motivational letter (one A4 page);
- an essay (one A4 page) on one of the following topics:
  - **Biological Systems as an Inspiration for Nanotechnology**
  - **Which Fuels Will Run Our Vehicles in 2030?**
  - **The Future in Terms of Lack of Drinking Water**



## MOTIVATIONAL LETTER

In the motivational letter, the candidate should briefly explain why they want to continue their career at the National Institute of Chemistry as a doctoral student. The motivational letter should include:

- a brief summary of the candidate's achievements during their study;
- a brief description of the fields the candidate is most interested in within the context of their future doctoral study;
- their greatest motivation for work in science;
- a description of past experiences and other competencies that will make the candidate a good scientist.

The motivational letter should be written on one A4 page (2 cm page margins) using 12pt Times New Roman font and single line spacing.

## ESSAY

In the essay, the candidate should briefly discuss one of the three topics provided. The template published on the National Institute of Chemistry's website should be used.

### Selection Criteria:

Excellence of research and study achievements during studies: 6 points

Essay: 4 points

Applications will be evaluated by a 5-member expert committee and the decision on the chosen candidate will be publicly announced.

**Please send your applications by April 30, 2018**, to the address Kemijski inštitut, Hajdrihova 19, Ljubljana with the heading: "Javni natečaj - doktorska štipendija" and the postscript "ne odpiraj". For additional information, please contact the HR Department of the National Institute of Chemistry at +386 (0)1/47 60 217 (workdays from 9:00 to 15:00).

