

Open position for diploma and/or master's thesis at the Department for Nanostructured Materials

Catalysis Group

Synthesis and testing of electrocatalysts based on high-entropy materials

We are looking for motivated students to join our research group in the field of catalysis, with the possibility to develop the diploma or master's thesis focused on the development of efficient and sustainable electrocatalysts based on high-entropy materials.

The work will focus on the design and development of highly active, durable, and low-cost electrocatalysts for water electrolysis, using non-precious and widely available materials as an alternative to conventional noble-metal-based catalysts.

Requirements

- Student in chemistry, materials science, chemical engineering, physics, or a related field.
- Knowledge of English (written and verbal).
- Motivation to work in a laboratory and research environment.
- Responsible, organized, and eager to learn.
- Strong cooperation skills and ability to work in an interdisciplinary and multicultural team.

How to apply

Interested students are invited to send their CV and a short motivation letter to:

belisa.alcantara.marinho@ijs.si