Biuletyn Informacji Publicznej Szkoły Głównej Gospodarstwa Wiejskiego

Adres artykułu: https://bip.sggw.edu.pl/artykul/call-for-applications-daad-green-hydrogen-research-tour-2024

Call for applications - DAAD - Green Hydrogen - Research Tour 2024

The DAAD invites advanced doctoral students and postdoctoral researchers from the European Research Area (ERA) and <u>eligible countries</u> to meet with colleagues at renown German institutions that are actively contributing to green hydrogen research, in order to get first-hand information and insights into promising research results and technological developments.

As the energy transition progresses, challenges arise when it comes to the development of novel technologies and their efficient and safe integration into the energy systems. Within the German energy policy, green hydrogen will play an important role as an energy carrier to achieve the goal of an energy system based, mostly, on renewable sources of energy. Research into the production and utilization of hydrogen and the accompanying technological developments are in the focus of DAAD's Green Hydrogen – Research Tour.

The DAAD Green Hydrogen research Tour 2024 will include dialogues with researchers and practitioners at universities, non-university research institutions, companies, and collaborative projects. The Tour covers a broad spectrum of activities in research and technological application, including the following:

- Hydrogen fuel cell technology.
- Hydrogen technologies for mobile applications.
- Integration of renewable energy sources (hydrogen), sector coupling and energy storage technologies.
- Solution oriented innovative materials and technology for hydrogen utilisation and applications: electrolysers, fuel cell components, hydrogen storage and distribution, catalysis, green fuels, among others.
- Efficient, resource-saving industrial heating processes and systems for hydrogen use.
- Applied research and techno-economic evaluation of hydrogen technologies.

- Commercial use of hydrogen technologies and an overview of actual projects.
- Research into quality and safety standards, regulatory measures, and the geopolitics of green hydrogen.

Detailed information on the call for applications can be found here: <u>Green Hydrogen Research and Technology in Germany'</u>" (*Link*). and the application form can be found here: <u>Application form for the DAAD - Green Hydrogen - Research Tour 2024 "Green Hydrogen Research and Technology in Germany"</u>.

Metryczka

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