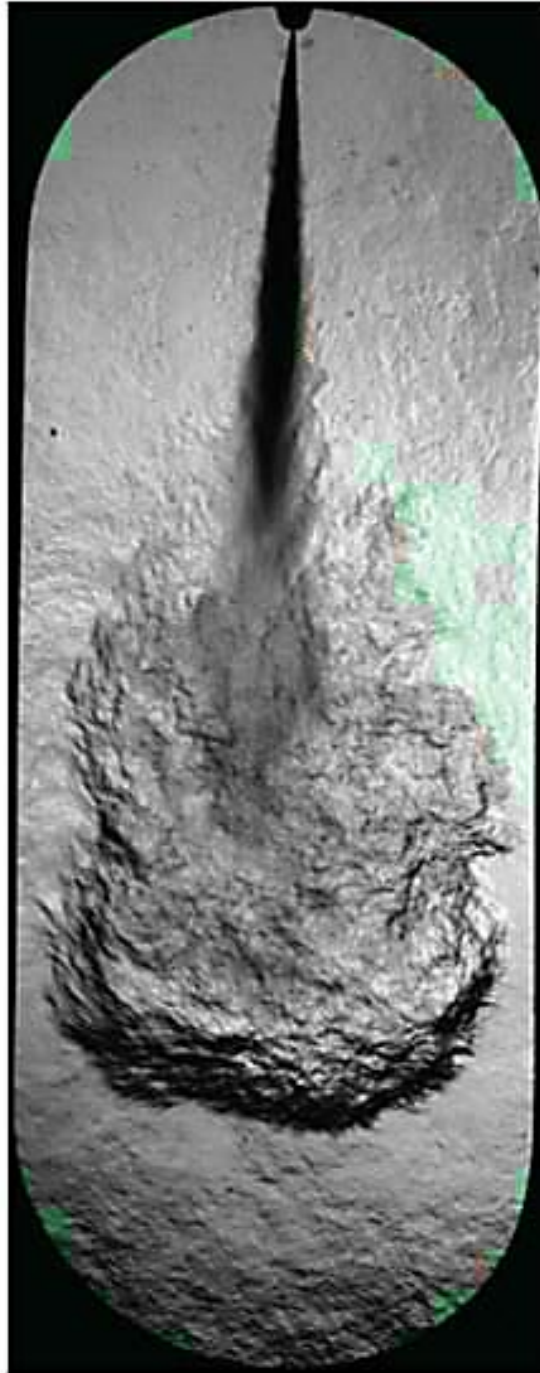


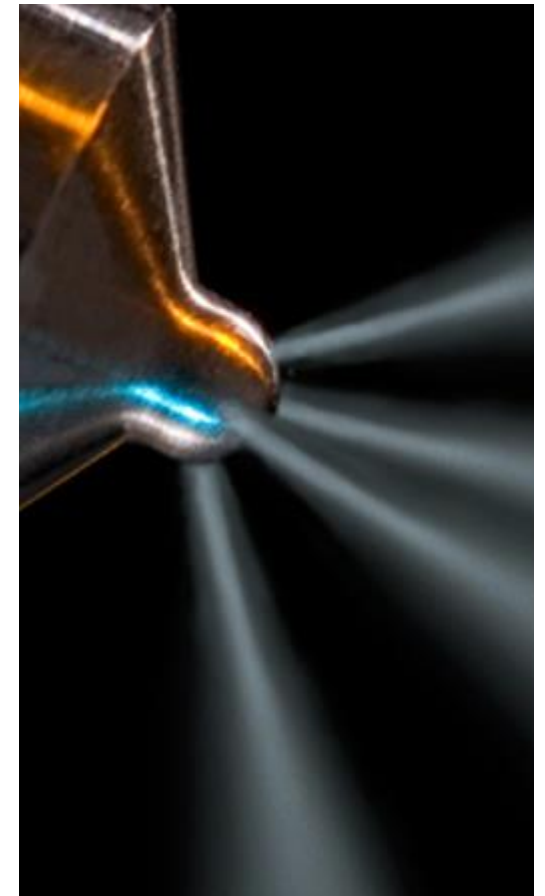
## Postdoctoral Researcher Opportunities

The Injector Innovation Lab (IIL) at the King Fahd University of Petroleum and Minerals (KFUPM) is a pioneering facility dedicated to advancing fuel injector technologies for a range of applications, from automotive, power generation to aerospace, with focus on hydrogen fuel. We are in the exciting phase of designing and building our state-of-the-art research facility, and we invite talented postdoctoral researchers to join our team.



# KFUPM's Injector Innovation Lab (IIL)

Injectors for a Sustainable Future





## Position Overview

We are seeking innovative and motivated postdoctoral candidates to contribute to the design and establishment of the IIL. This is a unique opportunity to play a key role in shaping a cutting-edge facility that will drive research in fuel injection and spray technologies.

## Key Responsibilities

- Collaborate with a multidisciplinary team to design experimental setups and research protocols.
- Contribute to the development of advanced injector prototypes and testing methodologies.

“We seek passionate and motivated individuals ready to tackle challenges and make a significant impact.”

- Dr. Fahad Alzahrani, Lab Director

- Engage in the creation of facility infrastructure to support a range of technology readiness levels.
- Assist in establishing partnerships with industry stakeholders and academic institutions.
- Publish research findings and present results at conferences.

## Qualifications

- Ph.D. in Mechanical Engineering, Chemical Engineering, or a related field.
- Experience in fuel injection systems, spray dynamics and spray characterization.
- Strong analytical skills and proficiency in experimental design and data analysis.

- Excellent communication and teamwork abilities.

## Minimum Requirements

In addition to the required qualifications, the following criteria are essential for consideration for the position:

- PhD awarded in 2021 or later.
- No grades of *D* or *F* (or equivalent) throughout the academic career.
- An average of 5 publications per year in Q1/Q2 journals
- The PhD-granting university must be globally recognized, preferably ranked in the top 200 by QS University Rankings, either overall or by subject.

## Contact Us

Interested candidates who meet the requirements should submit their resumes to the Lab Director, Dr. Fahad Alzahrani, at [fahadmz@kfupm.edu.sa](mailto:fahadmz@kfupm.edu.sa)