# INTERNATIONAL EXCELLENCE FELLOWSHIPS

## Experience Report 2021/2022

<table>
<thead>
<tr>
<th>Name and title of fellow</th>
<th>Prof. Dr. Kamran Behdinan</th>
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<tbody>
<tr>
<td>Duration and time of research stay</td>
<td>June 01 to July 30, 2022</td>
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<tr>
<td>Host professor and host institute at KIT</td>
<td>Professor Albert Albers, IPEK</td>
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## Testimonial

**My research field is**

Multidisciplinary Design and Optimization of Engineering Systems applicable to Automotive, Aerospace, Nuclear, and Biomedical industries; Intelligent Manufacturing; Design of Multifunctional Lightweight Structures.

**How my research field is going to affect the world of science?**

Advancing the technologies in design and manufacturing of portable lightweight engineering systems.

**My main finding / highlight during my research work at KIT was**

Development of the framework for characterizing design readiness of lightweight structures and products. Engaging in various research meetings at IPEK related to my field of expertise.

**I have chosen the Karlsruhe Institute of Technology because**

Conduct co-supervision of a few graduate students; and continue my research collaboration with Professor Albers at IPEK.

**If you want to, you can give advice to the next fellows. What should they know about Karlsruhe, KIT and the International Excellence Fellowships program?**

It is a great opportunity to advance your knowledge in the areas of research activities at KIT.