



1st Greek-German Summer School of University of Patras & TU Dresden **Towards a sustainable teaching and research in lightweight engineering and multi-material design**

University of Patras, 08th – 12th Nov 2021

Call for Participants

Department of Mechanical Engineering & Aeronautics,
University of Patras, Greece
and
The Institute of Lightweight Engineering and Polymer Technology ILK-TUD,
Technische Universität Dresden, Germany

Open call for excellent students (MSc, PhD from the Department of Mechanical Engineering & Aeronautics) to participate in the Summer School.

Global megatrends such as climate change, mobility and resource availability require interdisciplinary and international approaches. Resource neutral lightweight design with modern multifunctional materials empowered by machine learning are key technologies that develops important solutions for climate protection, innovation and resource efficiency. It is particularly important to involve young scientists in the international networks at an early stage in order to develop long-term scientific cooperation in Europe.

How to apply?

If you are interested in participating in the Summer School, please, send a comprehensive application until the **08th October 2021** including:

- A letter describing your motivation to participate (500 words)
- An idea / topic you would like to work on during the summer school (three key points)
- A brief CV (max. 2 pages)
- Transcript of Records
- Optional: A reference from your university supervisor

You may find more information about Technische Universität Dresden and the program, to the following address:

<https://tu-dresden.de/ing/maschinenwesen/ilk/das-institut/international/daad-bildungsprojekte/summer-school-of-u-patras-tu-dresden>

Indicative selection criteria

- academic merit (main criterion)
- motivation to participate
- English language skills
- fit with the topic

Selection procedure

First criterion for selecting students will be academic merit. In accordance with our equal-opportunity policy, we will - in case of equal academic qualification - preference to applicants from less advantaged socio-economic backgrounds, minorities and people with special needs.

We expressly encourage female students to apply for the Summer School.

Once students are selected, they receive the Letter of Confirmation from their sending institution, setting out the student's rights and obligations, and explaining the further steps to be undertaken.

Successful participants will be awarded a **certificate for participation**.

Scientific / Administrative Coordinator of the project

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