



M2BRIDGE-DCIM Summer School 2024. Call for participants



Open **call for excellent students or doctoral students of TU Dresden and/ or one of the Dresden-concept partners** to participate in the summer school

Dive into the fascinating world of aircraft structures and learn all about their crash and impact loading as well as function integration and structure monitoring by specific sensor technology. Be part of the M2BRIDGE-DCIM Summer School 2024 **from June 26th to 29th, 2024** at the Institute of Lightweight Engineering and Polymer Technology (ILK), TU Dresden, in **Dresden, Germany**. Learn more about the latest developments in this research field and exchange ideas with experts from Greece and Germany.

M2BRIDGE invites interested students and PhD students of TU Dresden and/or one of the partners of the Dresden-concept to participate in the M2BRIDGE-DCIM Summer School on Crash and Impact of Aircraft Structures with Function and Sensor Integration. Are you a student/PhD student in mechanical engineering, materials science, simulation or testing methods? Are you pursuing scientific interests that overlap with the main topics of the summer school? - Then we are looking forward to your application!

Postal address

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Visitors

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TU Dresden is a
partner in the network
DRESDEN-concept



The M2BRIDGE-DCIM Summer School 2024, focusing over four days on (1.) crash and impact, (2.) smart materials, (3.) sensor integration and smart structures, and (4.) data analysis and practical applications in relation to aircraft structures, will guide the participants through various aspects of structural and composite material modeling, functional integration and technical best practice approaches. The expected learning outcome is a comprehensive overview of technologies for the design of future aircraft components. Besides technical presentations, the summer school will include exciting hand-on workshops and group competitions. In addition, the participants will therefore get a practical insight into high-velocity testing and will be familiarized with state-of-the-art analysis approaches. For further information on the topics and program see the event homepage

How to apply?

Interested students or doctoral students should send a comprehensive application to ILK-international@tu-dresden.de by **April 25th, 2024**, including following records:

- letter describing your motivation to participate (max. 500 words)
- brief CV (max. 2 pages)
- transcript of records for current studies/ certificates for completed studies

Selection procedure

Participants will be selected on the basis of the application documents submitted. The selection criteria are previous academic performance, motivation for the participation and English language skills of the candidate. In accordance with our equal opportunities standards, we will give preference to applicants from disadvantaged socio-economic backgrounds, minorities and people with special needs, provided they have the same academic qualifications. We strongly encourage female students and doctoral students to apply for participation in the summer school.

Successful applicants will be informed of their selection for participation by the **beginning of May 2024** and invited to make a binding commitment to participate.

Website



<https://tu-dresden.de/ing/maschinenwesen/ilk/das-institut/international/daad-m2bridge/summer-school24>

ILK Project Coordination

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