The International Dresden Summer School 2023 on Function Integration at Lightweight Systems for Industry 4.0

Info sheet

In the following, you will find important organizational information, especially regarding the cost coverage and travel allowance offered by the organizer.

Global megatrends such as climate change, mobility and resource availability require interdisciplinary and international approach. Resource neutral lightweight design with modern multifunctional materials empowered by machine learning promotes key technologies that develop 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. The International Dresden Summer School 2023 will cover fibre-reinforced composites, focusing on their properties, design, manufacturing and testing methods, as well as the integration of suitable sensors for the determination of the composite structures condition. Here you can find a preliminary program for the summer school week; for further information on the topics and updates follow the project homepage: https://tud.link/42dm.

<table>
<thead>
<tr>
<th>Focus</th>
<th>Monday 24th April</th>
<th>Tuesday 25th April</th>
<th>Wednesday 26th April</th>
<th>Thursday 27th April</th>
<th>Friday 28th April</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>Lecture Lightweight Engineering</td>
<td>Lecture Simulation and Experiments</td>
<td>Lecture Validation</td>
<td>Lecture Summary</td>
<td></td>
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<tr>
<td>Welcome and lectures about basic information on the course of the summer school, the motivation of the focused topics, condition monitoring of lightweight components</td>
<td>Lectures: Lightweight engineering and structural dynamics of lightweight components</td>
<td>Lectures: Simulation and testing of lightweight components</td>
<td>Lectures: Light weight engineering for wind turbine blades</td>
<td>Lecture: International study opportunities</td>
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<tr>
<td>08:00</td>
<td>10:00</td>
<td>13:00</td>
<td>15:00</td>
<td>17:00</td>
<td></td>
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<tr>
<td>10:00</td>
<td>Workshop Manufacturing of composite structures</td>
<td>Workshop Testing of lightweight components</td>
<td>Workshop Preparation of poster and presentation</td>
<td>Workshop Farewell</td>
<td></td>
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<tr>
<td>13:00</td>
<td>Workshop Get together</td>
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<td>15:00</td>
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<tr>
<td>17:00</td>
<td>Evening dinner</td>
<td>City Tour Dresden</td>
<td>Evening event</td>
<td>Free Evening</td>
<td>End of Summerschool</td>
</tr>
</tbody>
</table>

www.tu-dresden.de/mw/ilk
The entire Summer School will be held in English.

Besides an interesting week, we also offer basic financial support for all successful participants, involving free accommodation and travel allowance depending on the country of arrival.

Accommodation

From Sunday, April 23rd to Saturday, 29th, 2023, single rooms in (2-room and 3-room) shared apartments have been booked for the participants at the International Guest House (IGH) of the Studentenwerk Dresden. All apartments are fully furnished, they have a bathroom and a kitchen with utensils. Attached you will find the IGH flyer, the current house rules and the terms of use; for further information please visit the IGH homepage.

Since you will be arriving outside the opening hours, a key safe will be set up; you will receive more information about this shortly before your arrival.

If you would like to extend your stay in Dresden at your own expense, we can inquire about the possibilities for extending the duration of your stay at IGH. Please contact our international office advisor, Ms. Tomeckova, with your request.

The booked accommodation is located at the main campus of the TU Dresden. This will result in slightly longer daily travel times to the venue for the summer school at the Lightweight Engineering Campus Dresden-Johannstadt.

Addresses:
- Studentenwerk Dresden, Internationales Gästehaus | International Guest House
  Hochschulstraße 50
  D-01069 Dresden
- Institut für Leichtbau und Kunststofftechnik | Institute of Lightweight Engineering and Polymer Technology (ILK), TU Dresden
  Holbeinstraße 3
  D-01307 Dresden

You can find out more about the Dresden transport options at DVB. For 22.90 € you can get the weekly ticket for A1 Dresden fare zone. An alternative could be a MOBI bike. The organizer does not cover the costs for local transport.

Travelling Costs

The organizer has a limited budget to cover the travel expenses of the participants. All participants will receive a flat-rate travel allowance, the amount of which depends on the country of arrival and/or the location of the home university as follows:

Please let us know from which country your travel is planned when confirming your participation. For the present calculation of the flat rates, the organizer assumes the travel costs from the location of the applicants home universities. In case of different country of arrival as the home university land, the organizer reserves the right to determine the amount of the travel allowance individually.

<table>
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<tr>
<th>arrival and/or the location of the home university</th>
<th>travel allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germany</td>
<td>80 €</td>
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<tr>
<td>Greece, Italy</td>
<td>280 €</td>
</tr>
<tr>
<td>Egypt</td>
<td>410 €</td>
</tr>
<tr>
<td>Canada, USA, India</td>
<td>600 €</td>
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</table>
The travel allowance is to be understood as a financial mobility allowance for covering the travel costs and all related expenses such as visa fees, expenses for vaccinations, foreign insurance, etc. The travel grant can be paid up to 6 weeks before the summer school. The participants do not have to account to the organizer for the exact expenses, but they have to prove the country of arrival of the received travel flat rate.

The organizer invites to the Welcome Dinner on Monday and Closing Lunch Buffet on Friday; and covers the costs for the City Tour on Tuesday. Beyond that the participants are own responsible for any catering.

If you decide to participate in the summer school, the following steps apply to you:

(1) Send us by the end of January the completed, signed Confirmation of Participation, ...
(2) with the indication of your planned country of arrival and ...
(3) a copy of the proof of your student/PhD student/university employee status.
(4) During the summer school pictures for marketing and press purposes will be taken. We kindly ask you for your consent to use photos where your person is recognizable. This consent is of course voluntary and its refusal will in no way affect your participation. If you agree, please send us a copy of the signed form “Privacy Policy and Agreement for Picture, Sound and Film Recordings”. In case you do not agree, we kindly ask you to emphasize this fact again in your answer and to inform us personally on the first day of the summer school, so that we can make sure that no pictures will be taken of your person.
(5) If you need a visa for your arrival, please apply immediately at the appropriate office. The attached Confirmation and Invitation Letter should be sufficient to support your visa application. If you need any changes/additions or further help with the application, please contact Ms. Tomeckova. We also ask you to inform us as soon as your visa application has been successfully approved.

If you have any further questions not answered here, do not hesitate to contact our international office advisor, Ms. Radka Tomeckova. Technical questions should again be addressed to Dr. Anja Winkler.
Confirmation of participation

I, ________________________________,

______________________________,

[home university]

hereby confirm my participation in the International Dresden Summer School 2023 (at the ILK/TU Dresden, in Dresden, Germany, April 2023).

I plan to travel to the summer school from ________________________________.

[arrival country, city]

In the following form I agree / do not agree to use photos of my person taken during the summer school for the press purposes.

I attach the following proof of my student status to this confirmation of my participation:

____________________________________________________________________________________________,

and agree that it may be submitted to Studentenwerk Dresden for the booking of the accommodation.

_________________________  ________________
City, Country, Date       Signature
Privacy Policy and Agreement for Picture, Sound and Film Recordings within
International Dresden Summer School 2023 on Function Integration at Lightweight Systems for Industry 4.0 at the ILK of the TU Dresden

Purpose and data collecting agency
For the purpose of the institute marketing and public relations, photographs, audio and film recordings are made and, if necessary, published with the Copyright © ILK/TUD in the following media:

- Website of the TU Dresden, in particular website of the ILK and ILK internationalization
- Press releases of ILK (Pressebox)
- Marketing and press print media, especially Annual Research Report of the ILK
- Social Media of the ILK: Twitter, LinkedIn, Youtube as well as Social Media of the TU Dresden

Responsible for that is:
- TU Dresden, ILK, Communication | International Office, Holbeinstr. 3, DE-01307 Dresden, ilk-communication@tu-dresden.de | ILK-International@msx.tu-dresden.de
- TU Dresden, Directorate 7 - Communication and Marketing, Unit 7.2 Media Relations, Press Office, DE-01062 Dresden, pressestelle@tu-dresden.de

Freewill and withdraw
The photographs are voluntary and this consent can be withdrawn at any time. In the event of a withdrawal, the photos will be deleted immediately. However, this can only be done as far as the TU Dresden/ the ILK is technically able to do so.

Duration of storage
The data will be stored and processed until withdrawal.

Data privacy commissioner and supervisory authority for data privacy
I am aware that I can contact the TU Dresden data protection commissioner [1] as well as the responsible supervisory authority [2] for data protection at any time.

Right of information
I am aware that I may at any time request information on the data processed concerning me and on the possible recipients of this data to whom it has been communicated, and that I am entitled to a reply within one month of receipt of the request for information.

Dresden, __________________________
Date

__________________________________  __________________________
Surname, Name                        Signature