

PAD Summer School 2022

The PAD summer school is the result of a research collaboration between Prof. Ola Isaksson at *Chalmers University of Technology (Sweden)*, Prof. Kevin Otto at *University of Melbourne (Australia)*, Prof. Dieter Krause at *Hamburg University of Technology (Germany)*, and Prof. Seung Ki Moon at *Nanyang Technological University (Singapore)*. The summer school takes place every two years in locations all over the world – this year in Sweden for the first time.

We are excited to seeing you at PAD 2022!

Prof. Isaksson



Chalmers University of
Technology (Sweden)

Prof. Otto



University of Melbourne
(Australia)

Prof. Krause

TUHH
Hamburg
University of
Technology



Hamburg University of
Technology (Germany)

Prof. Moon



Nanyang Technological
University (Singapore)

Location

20.-23. June **CampX by Volvo Group**
Eketrägatan 25
41873 Gothenburg



Participants from PAD 2018 at Aalto Design Factory



The summer school is **free of charge** for university attendees (travel and accommodation expenses not included), and **250 €** for participants from industry. The number of participants is **limited to 25 persons**. Therefore, an application is necessary. The timeline for the application process and the conduction of the summer school is structured as follows:

- Application is open
- 30th of May:** Application closes
- 4th of June:** Confirmation of participation
- 20th of June:** Start of PAD (9am)
- 23rd of June:** End of PAD (5pm)

Find more information about previous summer schools, topics and agenda as well as application on our website:

<https://www.tuhh.de/pkt/wissenschaftliche-veranstaltungen/pad-summer-school.html>



Contact

Jan Küchenhof, M.Sc.
Scientific Assistant

E-Mail: jan.kuechenhof@tuhh.de
Telephone: +49 40 42878 2176



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CHALMERS
UNIVERSITY OF TECHNOLOGY

6th International Summer School

Product Architecture Design - PAD 2022

@ Chalmers University of Technology
20-23 June 2022

Learn

Welcome to **PAD 2022**! Our 6th International Summer School on Product Architecture Design is hosted by **Chalmers University of Technology** in Sweden this year. Its objective is to bring together international young scientists and post-graduate students who are currently doing research in the field of methodical product development with focus on **product architectures** and **modularity**.

Discuss

The week is filled with **practical workshops** to apply parts of the presented **development methods**. The interactive format guides you through the sessions and gives space for **discussions** and **exchange**.

Apply

Following topics will be covered in the **workshops**:

- Product structuring based on **field effects** using the **Design Structure Matrix (DSM)**
- **Sustainability** in context of product modularization
- **New Development** of modular product architectures
- **Product Service Systems (PSS)** in context of product architecture design
- **Industry workshop: Component Model Architecture** based on a functional modeling approach
- **Joint research workshop** for future collaboration

International Summer School on Product Architecture Design PAD2022

Research

The **international** summer school brings together young **researchers** from all around the world. To exchange **ideas** and move forward with your own research project, PAD 2022 offers you a platform to **connect** and **collaborate**. This is achieved by following four simple steps:

- Step 1:** Bring your topic
- Step 2:** Present and discuss with plenary
- Step 3:** Collaborate with fellow researchers
- Step 4:** Explore new research fields

Collaborate

PAD aims to foster collaboration of young researchers and new, inventive ideas. Based on the **state of the art**, the participants will apply and deepen the acquired **knowledge**. Discussions, group works and joint events make it easy to get familiar with each other. Hopefully, for collaborate **future research projects**

– But that's on you!

Network

Learning new theories and methods, seeing how others apply it and think of it is interesting. But **fun** should not come short! We will organize two **events** for all participants to get to know each other and the beautiful city of **Gothenburg**. To not overload your schedule, there will be room to explore the city and its surroundings by yourself or with new friends.