

## Invitation

Product development is the main source of innovation in a company. It thus ensures that a product and/or a service from any discipline as well as production, use and recycling meet diverse and sometimes contradictory requirements. Integrated Design Engineering (IDE) makes a significant contribution to achieving these goals.

ipdISS20 is aimed at doctoral students with an interest in a broad understanding and research of the many interrelationships in product development, especially sustainability, usability, economy and further aspects of the product life cycle.

ipdISS20 includes lectures, discussions and personal coaching as well as work on joint projects. Speakers from practice will highlight individual aspects of IPE and IDE and related research activities from an industrial perspective.

Participants learn to work on research questions not only from a scientific point of view, but also from an industrial perspective and from an economic thinking. They receive suggestions for a holistic approach and recognize how and where their own research should be deepened, specified or extended. They work on projects in interdisciplinary and international teams. In this way they also expand their scientific network.

The language of ipdISS20 is English.

## Organisational Details

The participation fee is 1.250,00 Euro. This includes full board in both weeks (five nights in Malta and five nights in Weinheim) and all documents. Members of the Design Society receive a discount of 15 % upon proof of membership. Costs for travel, insurance, communication etc. are to be paid by the participants themselves.

The ipdISS20 leaders are at your disposal for all information.

**You can find further information on our homepage**

<https://sites.google.com/view/ipdiss>

We look forward to your participation!



International Summer School on  
Integrated Product Development

## Call for Participation

**7. International Summer School on  
Integrated Product Development 2020**

Spring Week: 11. - 15.05.2020 in Malta  
Autum Week: 07. - 11.09.2020 in Weinheim

Organised by:



## Management / Organization



**Jonathan C. Borg**  
University of Malta

jonathan.borg@um.edu.mt



**Julie le Cardinal**  
Centrale Supelec Paris

julie.le-cardinal@centralesupelec.fr



**Benoît Eynard**  
Université de Technologie  
Compiègne

benoit.eynard@utc.fr



**Kristin Paetzold**  
Universität Bundeswehr  
München

kristin.paetzold@unibw.de



**Sándor Vajna**  
Otto-von-Guericke-Universität  
Magdeburg

vajna@ovgu.de



The Design Society is a charitable body, registered in Scotland, number SC 031694. Registered Company Number: SC401016.

## Content Spring Week

- Discussion of the participants' scientific work (feedback from opponents, participants and directors of the Summer School).
- Lectures from science and practice on IPE, IDE, DfX, future technologies.
- Discussion from different perspectives of the product life cycle, e.g. user and application view, sustainability, production view, maintainability and in connection with product features, product efficiency, performance and profitability for companies.
- First personal coaching of each participant by all Summer School leaders.
- Team building, initialization of the projects and start of the project work.

## Project Phase

Between the two weeks, the participants work in mixed teams on the agreed projects.

A poster and a YouTube video will be prepared for the presentation of the project results in the autumn week.

## Content Autumn Week

- Presentation of the project results with feedback from scientific and industrial perspectives.
- Preparation of the results for presentation at a scientific congress (e.g. ICED 2021).
- Lectures from science and practice on business planning and entrepreneurship (including possible start-up interests), performance recording and performance measurement, intellectual property.
- Notes on scientific work, especially on writing the doctoral thesis.
- Guidelines for preparing scientific publications and project applications.
- Second personal coaching of each participant by all Summer School leaders.

## Important Dates

### By 31 March 2020:

Please send a letter of motivation for your participation with the endorsement of your supervisor to one of the ipdISS20 leaders (templates can be found on the ipdISS20 homepage). Based on your motivation letter we will decide about your admission.

### By 24 April 2020:

Registration and payment of the participation fee