

# Interactive Training for PhD Researchers in Integrated Product Development

**Session dates: Mon 24<sup>th</sup>, Fri 28<sup>th</sup>, Mon 31<sup>st</sup> May & Fri 4<sup>th</sup> June 2021 from 09.30 – 11.00 (CET)**

With the industrial world looking at ways of how to overcome increasing demands on product performance and product individualisation, there is an increasing need to exploit product development to cope with these business challenges. The utilization of Integrated Product Development (IPD) concepts and methods leads to products and services that have an overall better performance than those developed in a more traditional way due to the management of the interplay between **design, manufacturing, business**, and lot of other aspects such as sustainability, as well as their mutual influences. IPD's scientific principles are required to enable forward looking researcher as well as developers to be able to exploit emerging technologies in an effective and beneficial way. These four, free, interactive training sessions are precisely aimed at supporting, guiding and motivating postgraduate researchers performing research in IPD related topics.

## Your Interactive Training Hosts



Prof. Dr.-Ing. Kristin Paetzold

Universität der Bundeswehr München



Prof. Benoît Eynard

utc  
SORBONNE UNIVERSITES



Prof. Julie Stal-Le Cardinal

CentraleSupélec



Prof. Dr Ing. Jonathan C. Borg

L-Università ta' Malta

**Target Audience** PhD Candidates/Postgraduate Researchers

### Session 1

(Lead by Prof. Borg)

#### Background To On-Going Research issues in IPD

- Research in handling the interplay between design, manufacturing, business aspects
- Participants' research topics & how they relate to IPD

### Session 2

(Lead by Prof. Paetzold)

#### Scientific Research Design & Methodologies

- Which Methods are good for IPD research?
- Keeping a balance between being generic & specific
- What Methods if any are you using?

### Session 3

(Lead by Prof. Borg)

#### How To Effectively Manage Your PhD

- Research Planning
- Managing Your Supervisor(s)
- Fostering your Research Network

### Session 4

(Lead by Prof. Le Cardinal & Prof. Eynard)

#### Challenges & Tips for IPD PhD Researchers

- Getting an External View of Your Research
- Collecting The Right Data & Validating Results
- How To Publish Results & Write a PhD Dissertation
- Keeping Motivated

## Why attend this interactive training?

- Provides You with an opportunity to grow your **network** of like-minded researchers
- Allows you to get an external view of your research topic/challenges
- Helps you acquire new knowledge on research in IPD
- Share your research experiences with others
- Leads to 2022 IPD Summer School

## Registration & Conditions

- Registration is free & will be on a first come first served basis (maximum of 20 participants)
- Delivery of interactive training sessions will be in English
- The hosts expect participants to attend all 4 training sessions;
- Sessions will be one 1.5 hour each and held over a two week period;

To register, send email to [jonathan.borg@um.edu.mt](mailto:jonathan.borg@um.edu.mt) by **latest 12<sup>th</sup> May 2021**, with your name and institution details, name of your supervisors(s), complete with a short outline of your current research status/interests and why you think you will benefit with attending these sessions on IPD. Please use 'IPD Interactive Sessions' as your email subject header.