

WORKSHOP 3:

Transition to Online: What Have We Learnt?

Hosts: Dr. Hilary Grierson and Mr. Ross Brisco, University of Strathclyde

Expected duration: 2 hours

The aim of the workshop

The COVID pandemic and the necessity to work and learn from home have accelerated the move to online learning. Now that many of us are preparing to go back to teaching and learning on-campus, there is an opportunity for the design education community to come together, share experiences, reflect on best practices, and identify what can be reapplied to improve our teaching and learning.

This workshop will continue the work of the Design Society Chat Room on *Design Education - Transition to Online* in July 2020 and the *Successful Transition to Online Teaching* in August 2020. Each of these workshops explored how the design community prepared and responded to teaching design online. The workshops identified perceived challenges of teaching design online in different modes of working, and case studies of innovative teaching practices that had potential to support online design education. This E&PDE 2021 workshop will continue this research by enabling a forum for the reflection on actual challenges faced and how these challenges were overcome.

Key challenges identified previously at workshops in 2020 were: facilitating working in online groups and building community; the *virtual* design studio; and prototyping and modelling. As designers and educators, we have identified new tools and technologies to support the design process online. This workshop will allow us to formalise our learning from the past year through the identification of case studies and best practices.

This workshop is aimed at all those who have an interest in engineering and product design education in an online environment. Participants will be invited to share the real-world challenges that they have experienced over the past year, and to contribute case studies to the collective knowledge. These challenges and case studies will be formalised and published in upcoming publications and added to a repository of design methods and practices.

Workshop programme:

- Welcome and introductions
- Short presentation on design education in the past year
- Reflection on perceived challenges in 2020

Activity number 1: Discuss Challenges (in break out rooms)

- Discuss experienced challenges of online teaching and learning
- Identify the top 3 challenges in each group
- Share the challenges with the larger group

Activity number 2 Share solutions/ case studies (in larger groups)

- Share real world teaching experiences case studies) that have overcome challenges.

Determine opportunities for collaboration to formalise the knowledge of the workshop, determine how to best share the knowledge with the wider design education community.