

Coordinator Gaetano Cascini
Tutors Niccolò Becattini, TBD

The Spring School has the objective of introducing ASP students to the wide range of existing design methods, from the descriptive models for analyzing design processes and behaviors, to the prescriptive tools that provide a structured and multi-disciplinary approach to design.

The students will become aware of the existing approaches to design through the experiences of experts from different fields, by sharing a common lexicon on design methods and being introduced to the main stages of product/service design. Moreover, the course will allow experiencing the application of illustrative design tools within a collaborative design contest.

Due to the COVID 19 emergency, the School will be completely held at distance, enjoying an innovative format.

June 3rd – June 30th - Lectures

Lectures will be organized through the Microsoft Teams platform with Professors of the School on the topics of their lectures. The schedule of the meetings is as follows:

Wednesday, June 3rd 17.30 - 19.00 CET

Engineering Design, what are we talking about?

Gaetano Cascini, Politecnico di Milano, Dept. of Mechanical Engineering

Thursday, June 4th 17.30 - 19.00 CET

Innovating today – why design theory matters

Pascal Le Masson, MINES ParisTech – PSL Research University

Tuesday, June 9th 17.30 - 19.00 CET

Design strategies to help users embrace new technologies for a better future

Deborah Nas, TU Delft

Thursday, June 11th 17.30 - 19.00 CET

Data-driven game design

Pier Luca Lanzi, Politecnico di Milano, Dept. of Electronics, Information and Bioengineering

Tuesday, June 16th 17.30 - 19.00 CET

Big Data Analytics in action

Andrea De Mauro, Procter & Gamble

Thursday, June 18th 17.30 - 19.00 CET

Understanding Designing: What are Designers doing when they design

John Gero, University of North Carolina at Charlotte, Dept. of Computer Science and School of Architecture

Tuesday, June 23rd 17.30 - 19.00 CET

Unfolding the complexity

Stefano Ceccotto, Geodata

Thursday, June 25th 17.30 - 19.00 CET

Sustainable design: challenges and resources

Daniela Pigosso, Technical University of Denmark, Dept. of Mechanical Engineering

Tuesday, June 30th 17.30 - 19.00 CET

Closing discussion and next steps

Gaetano Cascini, Politecnico di Milano, Dept. of Mechanical Engineering