

COMPLEX PROJECTS

MSc2 Complex Projects Design and Research Studio - Datapolis

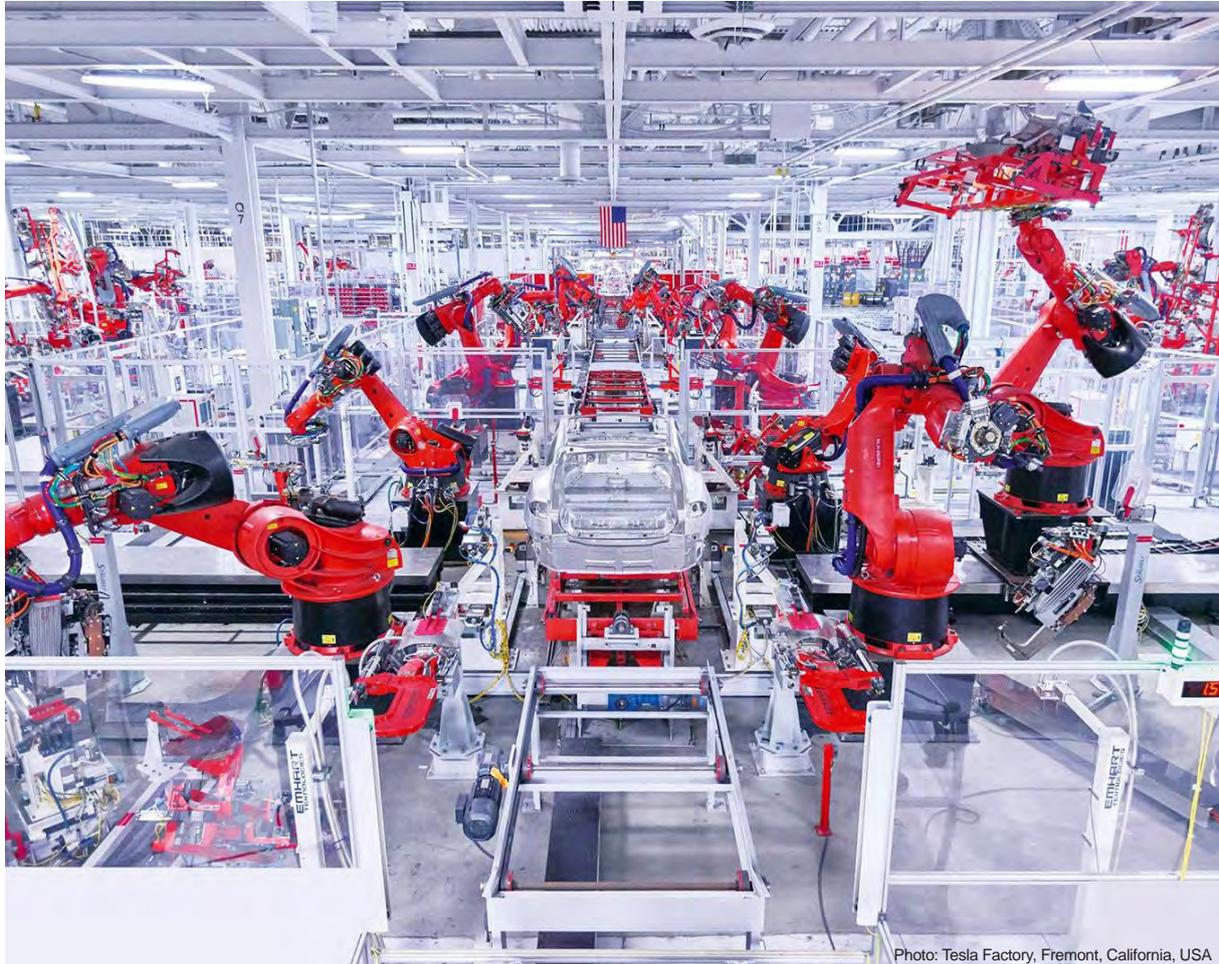


Photo: Tesla Factory, Fremont, California, USA

Fall Semester 2019

Tutor
Paul Courmet

Responsible Instructor
Kees Kaan

Course Coordinator
Manuela Triggianese

Code	AR2CP010
Credits	12 ECTS
Location	N/A
Excursion	Not mandatory
Costs	50

*The studio will start in week 1.6

How is data shaping the way we live, work and interact with each other?

By entering the information age, we -humans- have exploded our relationship with the world. We are today living in a world where data, algorithms and 'clouds' are at the centre of our daily activities while we have increasingly become fully committed to stay connected with each other regardless of time zones, geographies or political borders.

The ambition of the studio is to create an understanding of the architecture of the digital world and identify its challenges. They are critical components to the way our world functions today, yet most of the time, they have remained unknown to most of us: global internet cable networks, automated distribution centres, data centres, connected homes, public space surveillance strategies, climate change monitoring systems...

During the semester, students will be asked to study and analyse the physical impact of data on the spaces we design and inhabit; and translate these diagnostics into conceptual architectural ideas.

The semester is divided in 2 chapters. Chapter 1 / research: Students develop a research on a selection of existing architectural typologies for which data plays a crucial role. Chapter 2 / vision: Students develop a conceptual architectural vision, reflecting the thesis developed in the research phase.

The studio aims to connect the work of the students with experts on the topic. Site visits and meetings will be organised during the semester. Research books and large scale drawings will be produced by each student. Final works of the students to be exhibited as a collective show in a cultural institution in the Netherlands.