

ORIENTATION MASTER

Form + Type

STUDIO (2018/2019)

Made In Glasgow

PROFESSOR

Jeffrey Huang

TEAM

Peter Ortner, Immanuel Koh, Christina Doumpiotti, Christoph Holz

LABORATORY

Media x Design Lab, EPFL ENAC IA LDM2

SUMMARY (1500 SIGNS)

The advent of new digital technologies has had a twofold impact on architectural thinking and the built environment, transforming, on one hand, the processes for form generation and design production through algorithmic and parametric technologies, and, on the other hand, enabling an escape from the static fate of the built environment by facilitating dynamic interaction between inhabitants and their surrounding. Our interest in this orientation “Form & Type” is to examine the design of new “post-digital” typologies. In 2018/19 our studio site will be Glasgow, once in the vanguard of the Industrial Revolution and today facing the problem of transitioning towards a digital economy. Methodologically, we will explore meaningful form generating processes by the use of algorithmic and parametric tools and introduce the notion of growth typologies in architectural and urban design thinking.

METHODOLOGY

Parametric Design, Data-driven Design, Geometry and Form, Experience Design, Grasshopper, Back-end Infrastructures, Front-end Architecture

DURATION

The studio theme will span the entire academic year 2017/18. Accordingly there will be continuity between the fall and spring semester, but each semester can be followed independently.

FIELD TRIP

A field trip to Glasgow will ordinarily be organized during the semester.

PARTNER INSTITUTIONS

ArtEZ Institute of Uncertain Spaces, Netherland.

LANGUAGE

The official language is English. Desk crits can occur in English or French.

GROUP WORK

Architectural projects will be developed individually or in groups of two. Some group work may occur in the analysis stages.