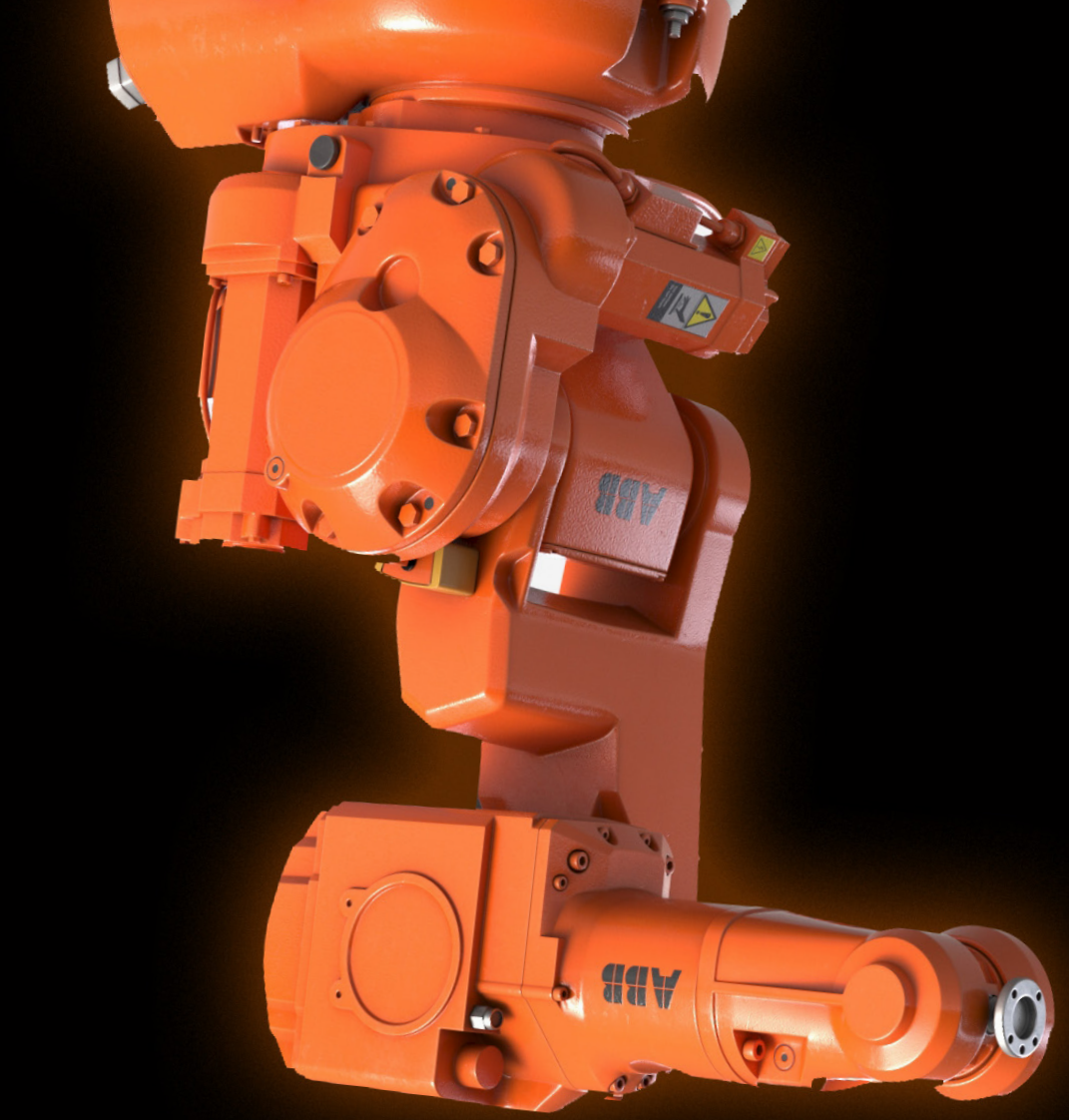


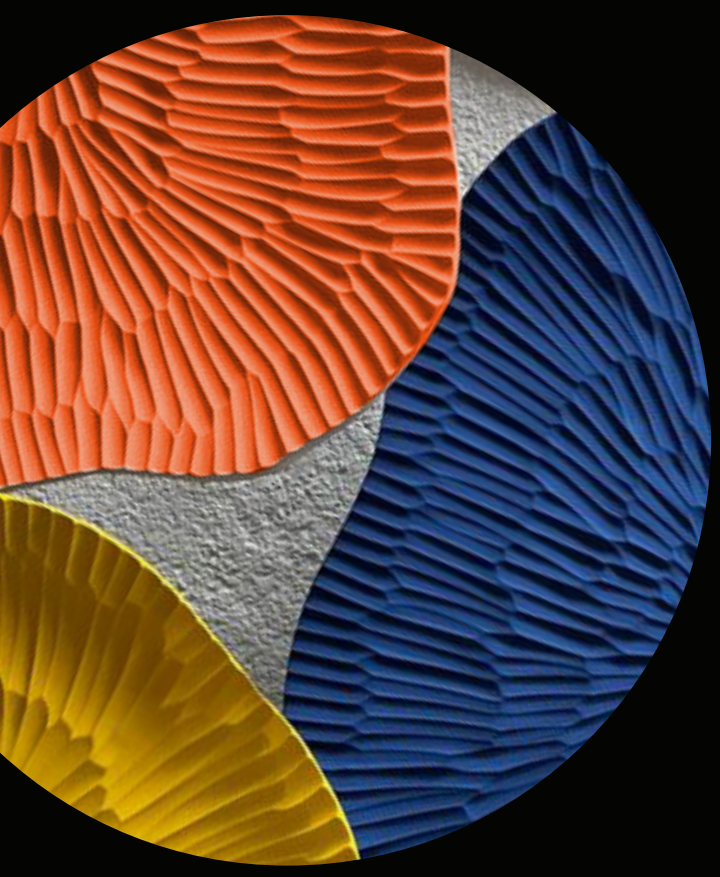
DIGITAL DISHES 4.0

computational crafted next generation ceramics

161.007
.792 SE Generative methods and digital fabrication 1
.793 SE Generative methods and digital fabrication 2
.794 UE Design project generative methods and
digital fabrication

Life is random

presentation: 01.03.2023, 9:00, HS I



Digital fabrication processes and digitally controlled machines have a growing influence on building and thus also on the creative possibilities of architects in design. The principles of mass customization mean that the batch size of one, i.e. the unique specimen, which was common in pre-industrial construction, can once again be produced economically. In this advanced module, the theory and methods of parametric and generative design methods are studied in depth and their linkage with current rapid prototyping methods is tested.

The students work on a project to design tableware. We will use traditional and edge cutting manufacturing techniqzes and incorporate them into creative process of designing new tools. Using an ABB robotic arm, we will do transform our dishes into bespoken artwork.

COUSE LEADERS:

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Felix Dokonal
Kilian Hoffmann

ADVANCED MASTER COURSE SS 2023

161.792 SE Generative methods and digital fabrication 1
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I OI III

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