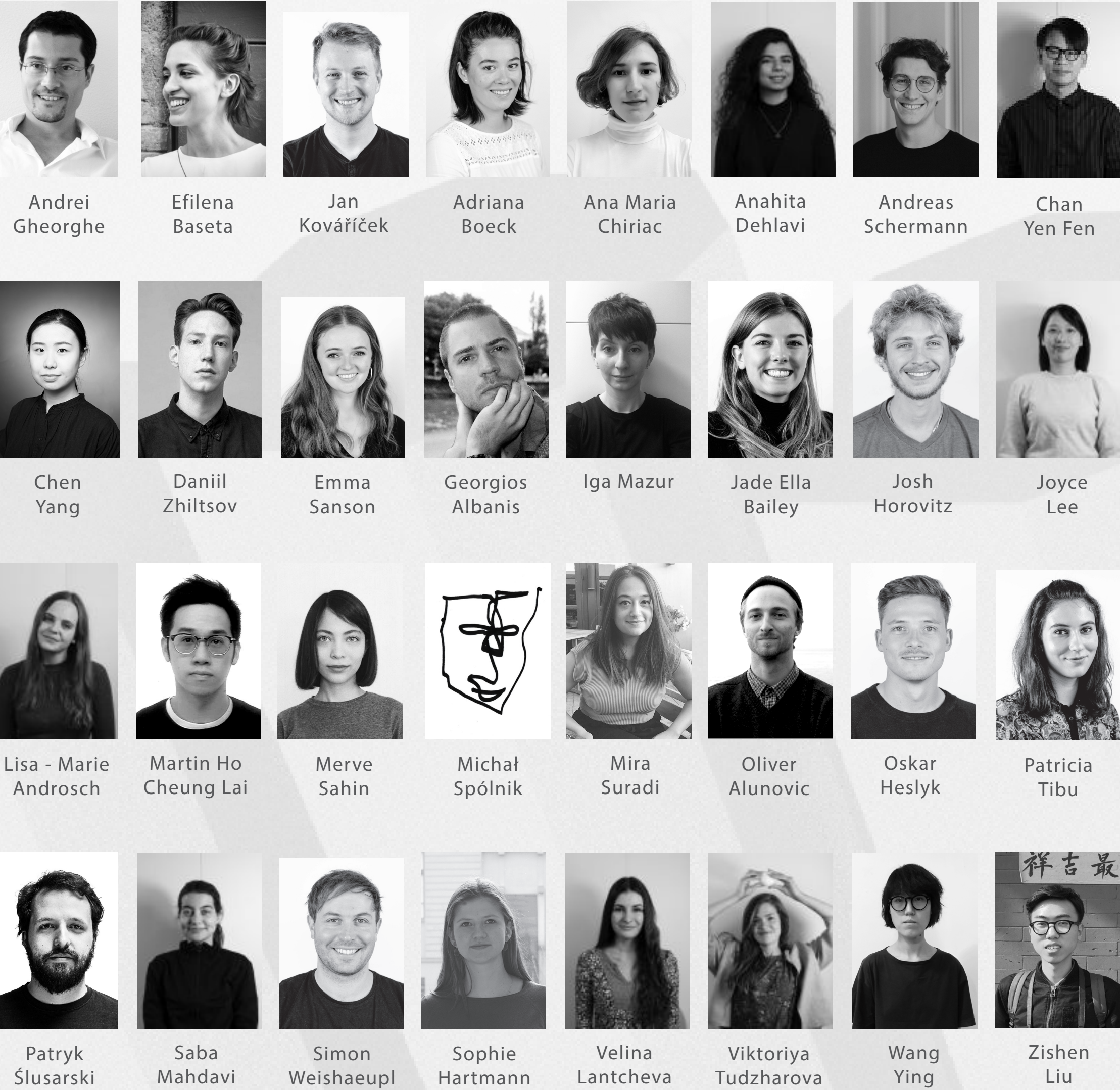


DigDesFab19Team



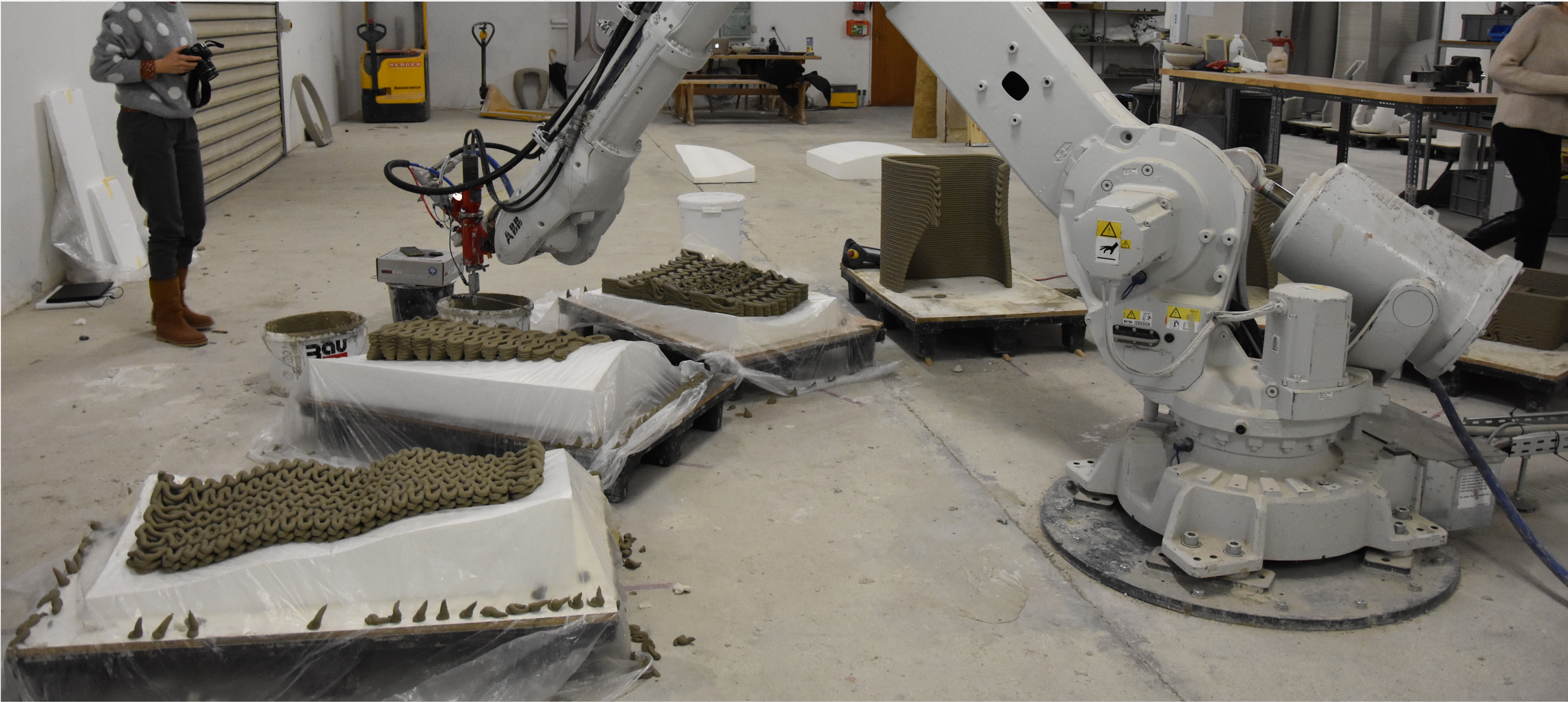
HYBRIDS: 3D Printed Concrete Artifacts

*are results of an interplay between analog and digital and they explore the new formal potential of concrete structures with the use of additive manufacturing.*

This workshop explores the application of contemporary digital design and fabrication methods in applied, full-scale implementations. Student groups will generate knowhow through the analysis of reference examples, and will design parametric structures in full-scale by using easily processable materials. The design process will be enriched with virtual analyzing methods of parametric models. External specialists will provide in-depth expertise during class. Virtual simulations of load bearing and performative behavior of architectural systems will be encouraged. Special emphasis will be put on the successful interaction of digital design and production technology, primarily in architectural detailing. The classwork is experimental and research oriented, different materials and architectural systems will be researched, discussed and applied.

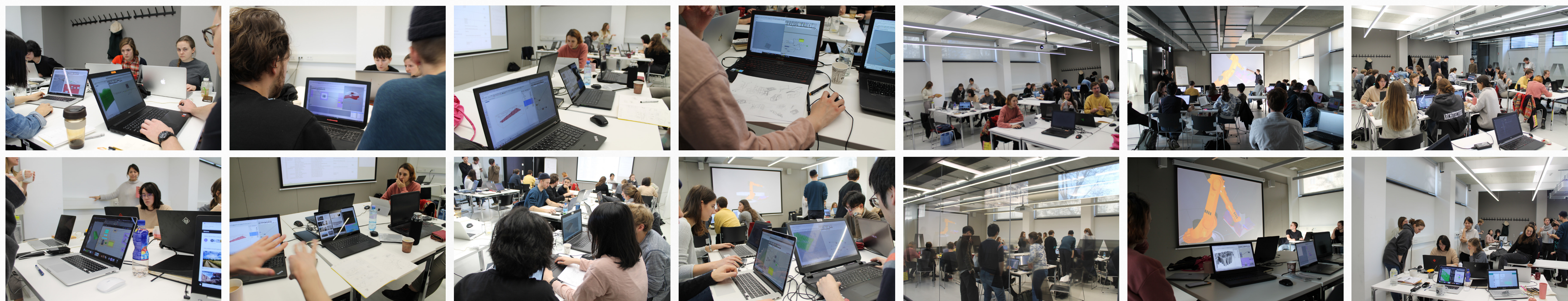
The project has been conceived and realized by master in architecture students in the course “Digital Design and Fullscale Fabrication”, taught by Architect Andrei Gheorghe, Efilena Baseta and Jan Kovářiček at the Institute of Architecture, University of Applied Arts Vienna.

Project Team  
Adriana Viktoria Boeck, Ana Maria Chiriac, Anahita Dehlavi, Andreas Schermann, Anna-Maria Jäger, Chan Yen Fen, Chen Yang, Daniil Zhiltsov, Emma Sanson, Georgios Albanis, Iga Mazur, Jade Bailey, Josh Horovitz, Lee Joyce, Lisa - Marie Androsch, Martin Ho Cheung Lai, Merve Sahin, Michał Spólnik, Mira Suradi, Oliver Alunovic, Oskar Heslyk, Patricia Tibu, Patryk Ślusarski, Saba Mahdavi, Simon Sais, Sophie Hartmann, Velina lantcheva, Viktoriya Tudzharova, Wang Ying, Zishen Liu

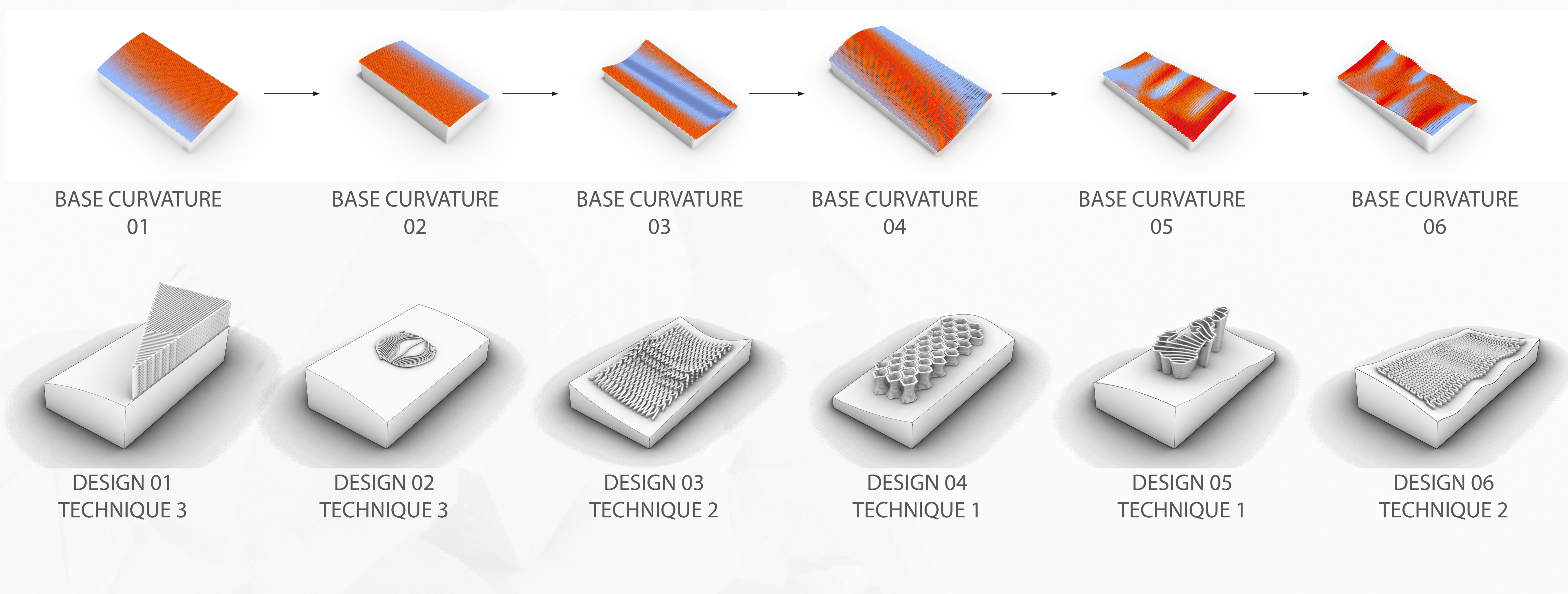
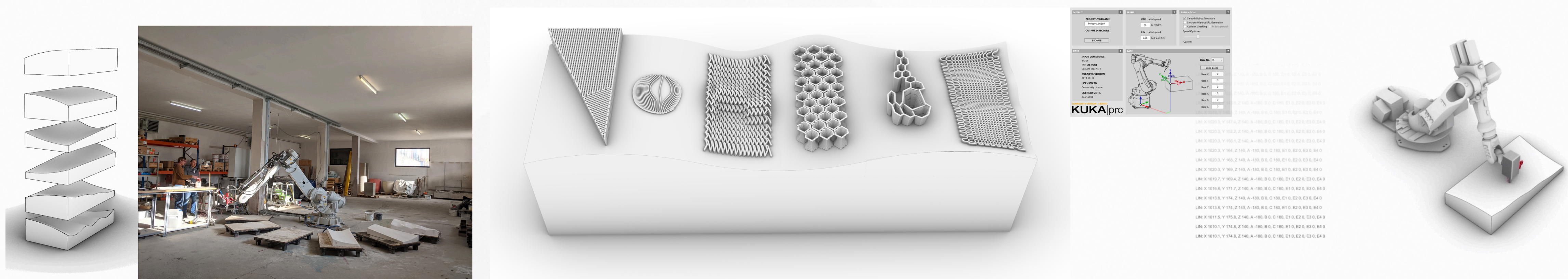




## Computational Design



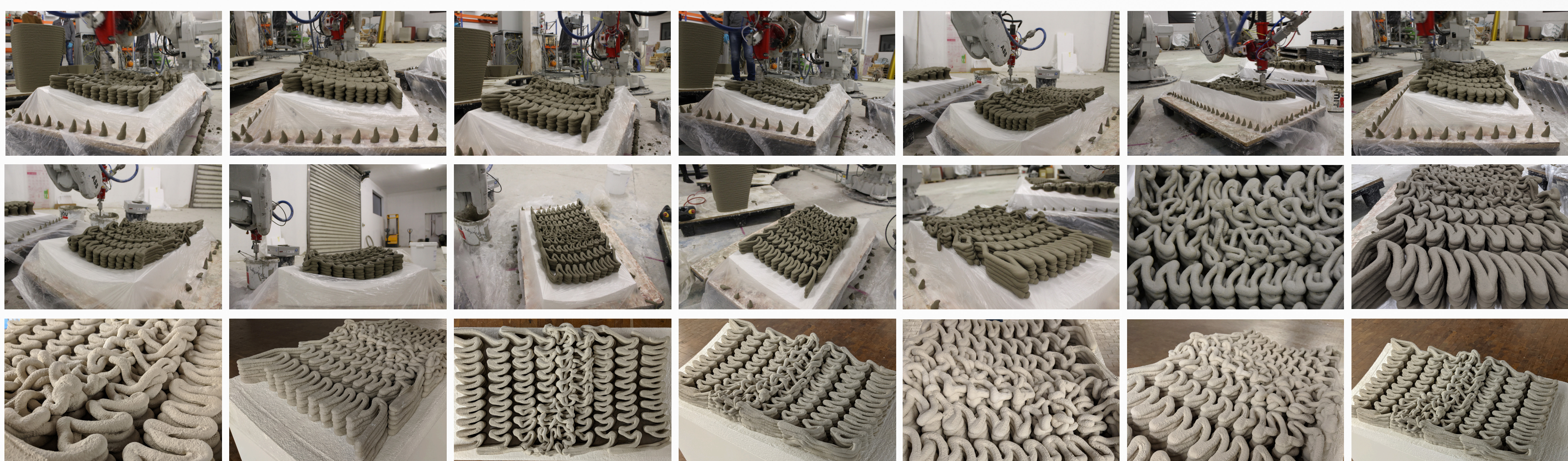
## Geometry and Production Data



## Fabrication Design 04



## Fabrication Design 03



## Fabrication Design 06

