



International Academy
Lille Hauts-de-France

ADVANCED COMPUTATIONAL DESIGN & FABRICATION: CONCRETE ROBOTIC 3D PRINTING IN ARCHITECTURE

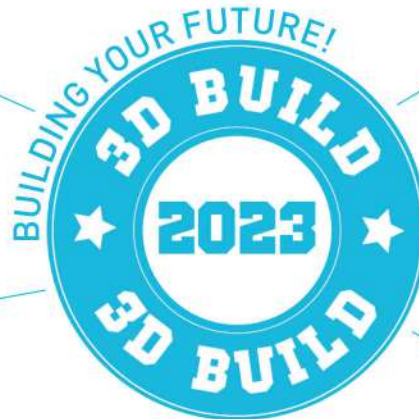


For Master
& PhD students

LILLE SUMMER SCHOOL 3rd-14th JULY 2023

A strong scientific training

in line with top-tier research centres & leading experts
in architecture, architectural technology & engineering



The strategic, most dynamic area in North-West Europe
at the heart of a high-performance academic
& economic hub that makes innovation a priority



A door-opening peri-doctoral programme

giving access to the French research community
& making connections internationally



In a forward-looking higher education institution
with high-standard on-campus accommodation
& welcome services, great facilities & vibrant hall life



A young region, always on the move
lively, easy-living, with a rich history
& heritage, centre of arts & cultures

LEARNING, DISCOVERING & NETWORKING INTO RESEARCH IN FRANCE

PROGRAMME

LACTH Research Laboratory (ENSAPL), Civil Engineering
& Environmental Research Centre (IMTNE) and International
Academy

> 60 hours taught in English

- Top scientific conferences, lectures, seminars & meetings
with leading researchers in the fields of architecture
& architecture technology
- Workshops, usage of cutting-edge equipment
- Introduction to research through a supervised project
- Visits, culture & social events

> Certificate of completion & 5 ECTS credits

> Perspective to integrate a PhD or postdoc in France

Keywords: Additive manufacturing, computational design,
robotic fabrication, complex geometries, parametric design,
mixture proportioning, recycled materials.

APPLICATION

Admission Criteria

- Master & PhD students (professionals welcome)
- Excellent academic results and in-depth knowledge
in architecture or civil engineering
- Basic knowledge of Rhinoceros and Grasshopper is preferred
- Advanced English

Application

Application deadline: May 14th 2023
Maximum number of participants: 30

PROGRAMME FEES

Participation to the programme

- Standard fee (applic. sent after April 23rd): 1,250 €
- Early Bird (applic. sent by April 23rd): 900 €
- Student from a partner institution: 900 €

Comfort pack (accommodation, transportation in Lille,
first evening dinner and first & last morning breakfasts)

- Fee: 460 €

CONTACT & APPLICATION

3d-build@international-academy.fr
www.international-academy.fr/3d-build

LACTH: Design, History, Territory & Materiality Laboratory

ENSAPL: National School of Architecture & Landscape
Architecture of Lille

IMTNE: Institut Mines-Télécom Nord Europe

The modalities and contents may be subject to minor modifications.



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