

# Presentation

École Centrale de Lille is one of the **Leading** multi-disciplinary engineering schools (Grande Ecole) in France. The **ACE area** (Urbanization, Construction, Environment), headed by **Professor LAFHAJ**, aims to allow last year (Master level) engineering students to acquire the competences and qualifications of Urbanism and Civil Engineering.

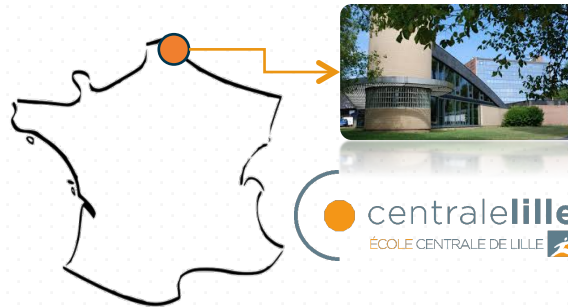
This **first edition** of the international workshop aims to bring together students and professionals around the themes of **3D Printing and Lean Construction**. The day will be organized around lectures, round tables, and moments of informal exchanges.

**Lean Construction** and **3D printing** in construction are still a mystery for a large audience regarding its **implementation and practical side**. The event seeks to create, for the first time, a **dynamic around** the Lean Construction and 3D printing thematics in the region as well as **in France**.

# Place & date

Ecole Centrale de Lille  
Cité scientifique  
Villeneuve d'Ascq

**Friday 4 March 2016**  
09h00-17h30



# Contact

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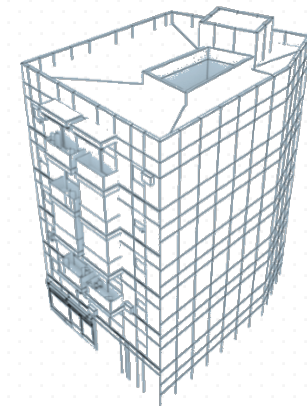
**Further information**  
[Click here for website event](#)  
**ACE Teaching Area**  
<http://filiereace.ec-lille.fr/>

# ACE WORKSHOP

Annual  
Civil  
Engineering

1st edition 2016

## Lean & 3D Printing in Construction



**Friday 4 March 2016**  
9h00 – 17h30



# Speakers



**Karine Famy**  
Directrice de projets  
Bouygues Construction

**Alan Mossman**

Consultant, coach, auteur  
Gloucestershire, UK



**Olaf Diegel**  
Professeur de Mechatronics  
Lund University, Sweden

**Henrik Lund-Niesen**

Président Directeur Général  
3D print Ventures A/S



**Antoine Rocco**  
Directeur adjoint  
Rabot Dutilleul Construction

**Laure WIRBEL**

R&D Manager,  
Bouygues Nord-Est



**William O'Brien**  
Professor, construction management  
The University of Texas at Austin

**Zoubeir Lafhaj**

Full Professor  
EC Lille, France



**Zakaria DAKHLI** is a PhD candidate in civil engineering, construction management at Ecole Centrale de Lille and a project manager at Rabot Dutilleul. His research interests include industrialization in construction, lean management and process improvement.



**Zakaria DAKHLI**

3<sup>rd</sup> year PhD

Ecole Centrale de Lille/ Rabot Dutilleul

**Imane KRIMI**

2<sup>nd</sup> year PhD

Ecole Centrale de Lille/ Bouygues Construction



**Imane KRIMI** is a a 2nd year PhD candidate in civil engineering at Ecole Centrale de Lille and an engineer at Bouygues Batiment Nord-Est. Her research project concerns the Industrial applicability of Additive Manufacturing (3D printing) to Construction.

# Scientific Committee

Chairman : Pr. Zoubeir LAFHAJ

- A. MOSSMAN
- A. ROCCO
- H. LUND-NIESEN
- K. FAMY
- L. WIRBEL
- O. DIEGEL
- W. O'Brien

# Organizing Committee

Chairman : Dr. Fayçal EL FGAEIR

- A.GUPTA
- F. JIANG
- G. MATEOS
- I. KRIMI
- M. PERDRIGEAT
- T. DECLERCK
- Z. DAKHLI