



5th French-Italian Meeting on Masonry
31 May - 1 June 2018
Laboratoire de Mécanique et d'Acoustique
Marseille



PROGRAM

31 May 2018

- 14:00 **Welcome words**
Frédéric Lebon and Marine Bagnéris
- 14:15 **Numerical simulation of dry stone walls**
Michel Jean, Marine Bagnéris
- 14:45 **Masonry churches and towers: reliable numerical approaches for the evaluation of the seismic vulnerability**
Gabriele Milani
- 15:15 **Seismic analysis of masonry structures based on NSCD method**
Fabien Cherblanc, Marine Bagnéris, Olivier Thomas
- 15:45 **Coffee break**
- 16:15 **Thrust Network Analysis of masonry helicoidal staircases**
Francesco Marmo
- 16:45 **Strengthening Methods of Masonry Structures Using Composite Materials**
Aron Gabor, Emmanuel Ferrier

1 June 2018

- 9:15 **A multiscale force-based curved beam element for masonry arches**
Elio Sacco, Daniela Addessi
- 9:45 **Interface models for masonry structures**
Fredéric Lebon
- 10:15 **Modeling of the nonlinear response of masonry columns in compression**
Daniela Addessi, Elio Sacco
- 10:45 **Coffee break**
- 11:15 **Toward a relevant modeling of masonry structures using DEM with CZM**
Frederic Dubois
- 11:45 **Links between micromechanical and experimental approaches for masonry structures modeling**
Amna Rekik
- 12:15 **Lunch time**
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How to come to LMA

Address Laboratory of Mechanics and Acoustics
LMA - UMR 7031 AMU - CNRS - Centrale Marseille
4 impasse Nikola Tesla
CS 40006
13453 Marseille Cedex 13, France

By public transportation

From the airport

Take the bus shuttle that takes you to the Saint-Charles railway station.

[More info](#)

From the Saint-Charles railway station

Take subway 1 (“Métro 1” on the French signs) towards “La Rose” until its terminus. Then take bus number B3B until its terminus “Technopole Château Gombert”.

[More info on the site of the RTM](#)