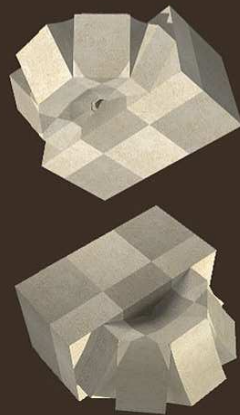


Stage de Stéréotomie 2013



Stereotomy: ancient and modern practices

STAGE TITLE: Stereotomy: ancient and modern practices

PROMOTER INSTITUTES : Politecnico di Bari - DICAR, S.N.B.R.Troyes, Mecastone II.

LOCATION: Ateliers de S.N.B.R.Troyes <http://www.snbr-stone.com/>

STAGE SUBJECT: Construction of an "Arbre Magique" (stereotomic stone structure)

DATES: from 1st to 6th July at the S.N.B.R. Troyes

FEE: total 250 euro/person.

The price includes participation to the stage, admittance to the Maison de l'Outil and a special publication containing the work of the stage participants.

230 € by bank transfer within May 30th - IBAN : FR76 3000 3021 5000 0201 3266 622 SWIFT CODE: SOGFRFP , 250 € by cash payment on site.

PARTICIPANTS: Students of the Schools of Architecture, Engineering and Arts and Crafts, and enthusiasts of the stone.

LANGUAGES: French, italian and english.

STAGE DESCRIPTION:

The workshop involves the construction of a self-supporting stone element with the shape of a branched structure. The 6 days stage is composed of two principal didactic phases: a computerised part and a traditional part. The two stages will be developed at the **SNBR Atelier in Troyes**. During the first phase will be done the designer-parametric graphic modeling and the cutting of the voussoirs through numerical control machines (CAD/CAM/CNC), while during the second phase will be executed the assembly and load testing of the structure through traditional techniques. The experience results will be shown within the next Marmomacc in Verona (25th-28th september 2013).

RECOMMENDED ACCOMODATION: Youth Hostel

<http://www.hfrance.org/ubergede-jeunesse/troyes-trosteres.html#page=article>

TRANSFERS: public transportations or car rent

CONTACTS: prof. Arch. Giuseppe Fallacara : www.atelierfallacara.it; info@atelierfallacara.it; SNBR: Bertrand.laucourmet@ym@gmail.com

DETAILED SCHEDULE OF THE STAGE

MONDAY 01/07/2013

Morning: **Giuseppe Fallacara** - Politecnico di Bari - DICAR,

Introduction to the workshop.

Morning: **Philip Boubrit** and **Bertrand Laucourmet** - S.N.B.R.,

Presentation of SNBR Atelier - 3D CAD/CAM modeling.

Afternoon: Preparation and cutting of a bicromatic block.

TUESDAY 02/07/2013

Morning: **José Palacios Gonzalo** - ETSAM Madrid,

La naissance du gothique : la voûte sexpartite. La construction d'une voûte à croisées à l'Ecole d'Architecture à Madrid.

Afternoon: Preparation and cutting of a bicromatic block.

WEDNESDAY 03/07/2013

Morning: **Marine Bagniers** - ENSAM Marseille,

Simulations numériques du comportement de l'Arbre Magique.

Afternoon: Preparation for the structure assembly.

SATURDAY 06/07/2013

Morning: Stage conclusion and degrees delivery.

Afternoon: Final assembly of the "Arbre Magique" and load test.

Structural Stone Surfaces - New masonry shells inspired by the past

ETH Zurich,

Morning: **Philip Block** and **Matthias Rippmann** -

FRIDAY 05/07/2013

Fenêe Ouvrière

Afternoon: Visit of Troyes and the museum Maison de l'Outil and

Construction and Complex Stone Masonry.

Morning: **Luc Tamboreo** - Mecastone II,

THURSDAY 04/07/2013

