

TOPICS

1. Genetics and forestry improvement

2. Production of timber for construction

3. Timber characterization:

Classification of timber; physical and mechanical properties; non-destructive timber testing; normalization methods.

4. Timber industrialization:

- Processing: Use of timber and derivatives; processing; adhesives; panels; residue use and recycling; industrial health and safety.
- Glued-laminated timber: Classification; physical and mechanical properties; testing; normalization; applications.
- Cross-laminated timber.
- Machinery and equipment.

5. Bamboo for construction:

Characteristics; structures; bamboo fiber use for composite materials reinforcing.

6. Timber structures:

Structural analysis; theoretical, computational and experimental methods; structural behavior; timber joints; structural systems; timber bridges; timber roofs.

7. Timber architecture:

Timber building systems; covers; rooms; flooring and indoor uses; historical and traditional buildings; sustainable timber architecture; design and construction of timber structures.

8. Durability and conservation:

Life cycle analysis; drying; stability; natural durability; deterioration; conferred durability; protection against atmospheric agents, fungi and insects; treatments; coverage; fireproof treatments; environmental issues.

9. Timber structures restoration:

Timber structures monitoring and control; damage detection; prostheses; reinforcement; rehabilitation; restoration of historic structures, maintenance.

VENUE: UNNOBA, JUNÍN

Junín is located in the North West of the Province of Buenos Aires, 260 km. away from Buenos Aires City, in Argentina's richest agroindustrial area.

There are about 100,000 residents in the city.

Tourist attractions include the "Laguna de Gómez" Natural Park, where recreational activities and water sports can be practiced. There are also other lagoons for sport fishing.

The office of the University President is located at a historical English building known as "Mr York's House", which used to be the residence of the chief of the British Railways.



ORGANIZED BY

UNNOBA | Universidad Nacional Noroeste Buenos Aires
IIDS | Instituto de Investigaciones para el Desarrollo Sostenible
LEMEJ | Laboratorio de Ensayos de Materiales y Estructuras
Escuela de Tecnología

OSCM | Organización Sudamericana para la Construcción en Madera

Lat-RILEM | Grupo Latinoamericano de RILEM



OSCM



CLEM+ CIMAD 2017

II Latin American Conference
on Timber Structures

II Ibero-American Conference
on Construction Timber

MAY 17-19, 2017

JUNÍN | BUENOS AIRES | ARGENTINA

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This Ibero-American conference on the use of timber in construction seeks to offer an international cooperation and learning opportunity for scientists, engineers, construction companies and contractors, and to share the latest advances, research and solutions for the use of timber in construction and for timber conservation and restoration.

EVENT INFORMATION

Presentation of the proposals accepted by the Scientific Committee:

- 15-minute oral presentation + 5-minute Q&A.
- Poster presentation.
- Conference languages: Spanish, Portuguese and English.

CONFERENCE OFFERINGS:

- Pre-conference courses (2-day courses).
- Tourist packs before and after the conference.

REGISTRATION FEE

Registration can be paid in US dollars or its equivalent amount in Argentine pesos.

	Early bird through April 15, 2017	Regular from April 16, 2017
General	US\$ 250	US\$ 300
RILEM members	US\$ 200	US\$ 250
Undergraduate students*	US\$ 80	US\$ 100

*They will have the possibility to attend the official conference dinner paying an extra US\$ 50 fee before 30-04-17.

THE REGISTRATION FEE INCLUDES:

- Coffee breaks.
- Cocktail reception.
- Work lunch on Thursday 18.
- Keynote lectures.
- Congress material.
- Official conference dinner.

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