

MECHANICS OF MASONRY STRUCTURES strengthened with composite materials Modeling, testing, design, monitoring, control



June 26-28th, 2019
Bologna (Italy)

School of Engineering and Architecture

CONFERENCE TOPICS

Mechanics of Historical Masonry: Testing and Modeling

Performance of Strengthened Masonry with Composites (FRP, FRCM, TRM, SRG)

Performance in Masonry/Composites Coupling: Bond, Special Connections, Fracture, Fatigue, Fire, Durability

Appropriate Composites Techniques Evolution for Historical Construction strengthening

First Aid and Provisional Devices in Historical Structures with collapse risk after seismic shock

Criticism on Existing Guide Lines, standards and Praxis in Masonry/Composites Coupling.

Proposed Special Sessions:

Advanced Structural Health Monitoring of Historic Structures (SHM) in emergency state

Acoustic Emissions, Optic Fibres Sensors et alia

FRCM Composites

Composites FRP structures ancillary to masonry Constructions

CONFERENCE CHAIRS

Prof. A. Di Tommaso

Prof. A. Nanni

Prof. F. Ubertini

University of Bologna

Miami University

University of Bologna



ABSTRACT SUBMISSION

Authors wishing to contribute to the conference are invited to submit a one-page abstract using the conference website. The conference programme will include only the accepted abstracts. Abstract submission will open on October 12th, 2018.

The deadline for abstract submission is November 12th, 2018.

VENUE

The conference will be held in the School of Engineering and Architecture, University of Bologna.

Bologna is the capital of the Emilia-Romagna Region and is located in the Northern part of Italy. It is a city full of art and culture and home of the oldest University in the Western world – Alma Mater Studiorum – founded in 1088. The very special urban fabric, the cultural heritage, and the remarkable architecture make Bologna a warm and welcoming city. The centre of the city, with its well preserved Medieval layout, is famous for its porticoes, that extend for more than 40 kilometers, and for the ancient towers. Bologna, with its international airport “Guglielmo Marconi”, is well connected with almost all the main European cities. Finally, its strategic location makes Bologna a major road and railway hub, which is extremely well connected with all Italian cities.

ACCOMODATION

Bologna has an age-old tradition of hospitality with high-quality hotel accommodations that include a wide range of solutions. The choice spans from charming old-style hotels to world famous modern, international hotels. A number of hotels are located within walking distance from the conference venue. Additional hotels, in centre of the city, can be conveniently reached by bus. Further details will be available on the conference web site www.aico-compositi.it.

ABOUT AICO

AICO — the Italian association of composites materials is non-governmental non-profit scientific organization, whose objective is to engage in all activities intended to promote the development of composites materials within the engineering fields of application.

Further details are available on www.aico-compositi.it.



REGISTRATION

The registration fees include the conference program, participation in all sessions, lunch and coffee breaks, a reception and the conference banquet. Each registered participant will be allowed to present one oral talk or poster.

Early Registration (up to March 31st, 2019)	
Regular	500€
Students	350€
Late Registration (after March 31st, 2019)	
Regular	650€
Students	400€

Registration to the Conference includes the AICO Membership for 2 years.

LOCAL ORGANIZING COMMITTEE

ANGELO DI TOMMASO (AICO, UNIBO)

DANIELA BUFO (AICO)

GIOVANNI CASTELLAZZI (UNIBO)

CRISTINA GENTILINI (UNIBO)