

CALL FOR PAPERS AND DEADLINES

- Abstract submission deadline: **December 15th, 2016**
- Notification of provisional acceptance: **January 10th, 2017**
- Manuscript submission for Review: **February 19th, 2017**
- Notification of final acceptance: **March 19th, 2017**
- Submission of final manuscript (6 - 8 pages) and **registration deadline (*)**: **April 2nd, 2017**

(*) Registrations and corresponding manuscripts received after this deadline will not be included into the Conference Proceedings

PROCEEDINGS AND INDEXING

The accepted papers will be included in the Conference Proceedings and published in the periodical **Key Engineering Materials** (www.ttp.net) **indexed in SCOPUS** and other major index services.

CORRESPONDENCE AND REGISTRATION

All inquiries concerning the event should be sent by email to the conference secretariat at

Dr. Daniela BUFO

tesoreria@aico-compositi.it

Tel +39 347 7671787

Technical inquiries should be sent by email to

Dr. Cristina GENTILINI

cristina.gentilini@unibo.it

Tel +39 338 936 7288

or visit the conference website

www.eventi.unibo.it/murico5/

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ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF CIVIL, CHEMICAL, ENVIRONMENTAL
AND MATERIALS ENGINEERING



International Conference

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

MuRiCo5

INDUSTRIAL SUPPORTERS

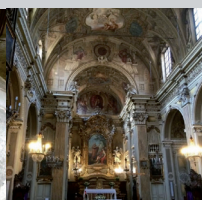


Draft⁹

June 28-30th, 2017

Bologna 2017

Conference chairs
Prof. F. Ubertini
Prof. J. Jasienko
Prof. A. Di Tommaso



OBJECTIVES AND SCOPE

The aim of the Conference is to present and review the latest achievements in MODELING, TESTING, DESIGN, CONTROL and HEALTH MONITORING of masonry structures strengthened with composite materials.

Composite materials with continuous fibres embedded in a polymer or cementitious matrix are herein considered as strengthening techniques for masonry.

Seismic vulnerability mitigation, durability and temperature influence are suitable key words to be discussed at the conference.

Presentation of laboratory tests and case studies, described thoroughly and in details, are strongly encouraged.

Ordine ingegneri Bologna



VENUE

Bologna

www.artcityemiliaromagna.com/bologna

Genus Bononiae

www.genusbononiae.it/en

Unibo

www.unibo.it/en/homepage



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KEY LECTURE SPEAKERS

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TOPICS

- Analysis of Mechanics of Masonry and Models
 - Testing and Computational Modeling of Masonry macro-elements under static and dynamic loadings
 - Performance of Strengthened Masonry with Composites (FRP, FRCM, TRM, SRG)
 - Bond, Local Damage, Fatigue and Connections Performance in Masonry/Composites Coupling
 - Design Approaches and Inspection Programs of Masonry Structures strengthening
 - Durability, Structural Health Monitoring of Historic Structures (optic fibres) Maintenance and Repair strengthened Masonry
 - Advanced bio-composites and Nanotechnology for strengthening Historical Constructions
 - Appropriate Composites Technique Evolution for Historical Constructions strengthening
 - Acceptance of Composites Technique Application for seismic protection of Monuments
 - Criticisms on Existing Guide Lines, Standards and Praxis Restoration Rules Composites Coupling
- SPECIAL SESSIONS** (tentative):
- FRCM composites
 - Composite structures ancillary to masonry constructions
 - Timber structures strengthened by composites
 - Compressed masonry vaulted structures (and collapse mechanism inhibition by composites)

REGISTRATION FEES

Full Delegate registration	€ 500
Reduced fee (Committees delegate)	€ 400
Reduced Students registration	€ 330*
Reduced fee AICO members	€ 300
Accompanying person	€ 150

The registration fee include a one-year AICO membership Registrations include:

- one published paper;
- attendance at the conference;
- USB stick conference proceedings;
- coffee breaks and lunches;
- cocktails.

* Document certifying the enrollment of study is required

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