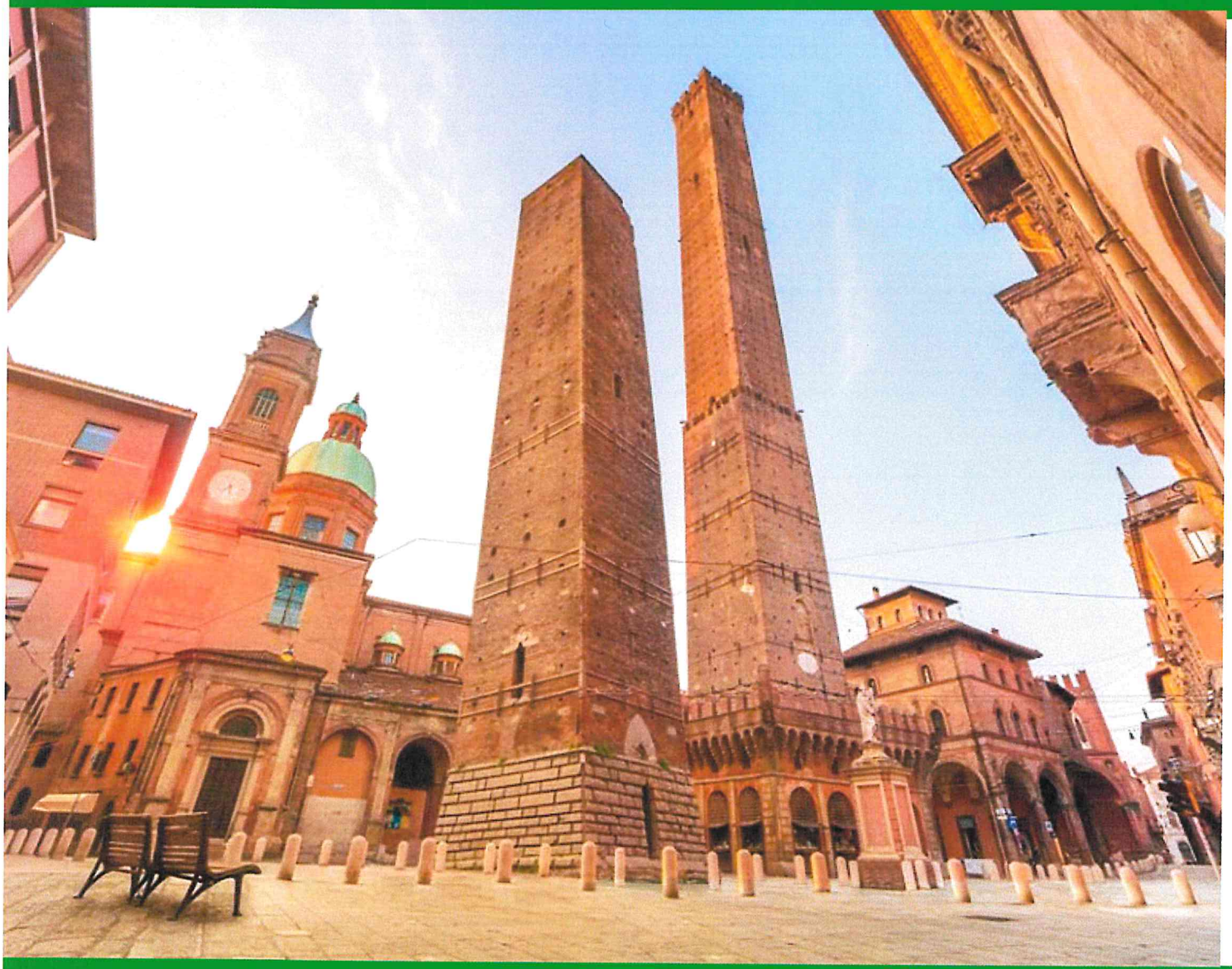
AICO
ASSOCIAZIONE ITALIANA COMPOSITI

MuRiCo6

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

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 Structureswith collapse risk after seismicshock

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	University of Bologna
Prof. A. Nanni	Miami University
Prof. F. Ubertini	University of Bologna