



IUSS /DA IDAUP | July 4<sup>th</sup> 2022 | h 14:00 - 18:00

Sala del Consiglio, Palazzo Tassoni, I Piano / Blended through Go to Meeting

# THE SCIENTIFIC RESEARCH IN THE FIELD OF ARCHITECTURAL TECHNOLOGY

**EXAMPLES OF BASIC RESEARCH, EXPERIMENTATIONS AND LABORATORIES AIMED TO ENHANCE ENERGY EFFICIENCY AND ENVIRONMENTAL QUALITY**

h 14:00 - 16:00

**INNOVATIVE AND ENERGY SELF-SUFFICIENT BUILDINGS IN THE DUBAI DESERT. TEACHING, RESEARCH, PROTOTYPING, CONSTRUCTION AND COMPETITION FOR THE WORLD CONTEST SOLAR DECATHLON MIDDLE EAST 2018 AND 2020(21)**

VITTORINO BELPOLITI | *MSc, PhD, Assistant Professor* | Department of Architectural Engineering, University of Sharjah

MARTA CALZOLARI | *MSc, PhD, Assistant Professor* | Department of Architecture, University of Ferrara

PIETROMARIA DAVOLI | *MSc, PhD, Full Professor* | Department of Architecture, University of Ferrara

h 16:00 - 17:00

**THE LIFE “HEROTILE” PROJECT, NEW PRODUCTS FOR VENTED ROOFS AND FOR PASSIVE CLIMATIZATION**

GIOVANNI ZANNONI | *MSc, PhD, Full Professor* | Department of Architecture, University of Ferrara

h 17:00 - 18:00

**PASSIVE COOLING OF BUILDINGS USING PHASE CHANGE MATERIALS IN ENVELOPE (PCMs)**

ELEONORA BACCEGA | *MSc, PhD candidate* | Department of Architecture, University of Ferrara

8th Ferrara International PhD Workshop IDAUP 2022

Scientific Seminar Coordinators | PIETROMARIA DAVOLI (MSc, PhD, Full Prof. Department of Architecture, University of Ferrara)

GIOVANNI ZANNONI (MSc, PhD, Full Prof. Department of Architecture, University of Ferrara)

MARTA CALZOLARI (MSc, PhD, Assistant Professor Department of Architecture, University of Ferrara)

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