



**ENERGY EFFICIENCY AND ENVIRONMENTAL SUSTAINABILITY SCENARIOS: FROM INTERVENTION ON THE HISTORIC HERITAGE TO INNOVATIVE SOLUTIONS FOR THE LIVING FUTURE. RESEARCH METHODOLOGIES, CASE-STUDIES APPLICATION, EXPERIMENTAL ACTIVITIES**

IUSS / DA IDAUP lecture | march 11th 2019 | h 14:30 - 18.30

**FROM HISTORICAL BUILDINGS TOWARDS NEW BUILDINGS: INNOVATIVE STUDIES AND PROCESSES FOR ACHIEVING HIGH STANDARDS OF ENERGY-ENVIRONMENTAL EFFICIENCY**

**INTRODUCTION**

**PIETROMARIA DAVOLI** *MSc, PhD, Full Prof.*

Director of Research Centre Architettura>Energia | Department of Architecture, University of Ferrara

**PART 1: ENVIRONMENTAL SUSTAINABILITY AND HERITAGE CONSERVATION: THE RATING SYSTEM GBC HISTORIC BUILDING®**

**PART 2: APPLICATIONS OF POST-OCCUPANCY EVALUATION METHODOLOGIES FOR THERMAL COMFORT ASSESSMENT IN EXISTING AND HISTORIC BUILDINGS**

**PAOLA BOARIN** *MSc, PhD, Senior Lecturer (web conference)*

Faculty of Creative Arts and Industries (CAI), School of Architecture and Planning, The University of Auckland, NZ

**STUDIES DEVELOPED BY “ARCHITETTURA>ENERGIA” RESEARCH CENTRE FOR THE PRELIMINARY ANALYSIS AND PLANNING OF ENERGY RETROFIT STRATEGIES: METHODS AND SIMPLIFIED TOOLS IN SUPPORT OF LOCAL POLICIES.**

**PIETROMARIA DAVOLI** *MSc, PhD, Full Prof.*

Director of Research Centre Architettura>Energia | Department of Architecture, University of Ferrara

**PART 1: ASSESSMENT OF DIAGNOSIS TOOLS FOR THE ENERGY RETROFIT OF HISTORIC HERITAGE.**

**PART 2: A STRATEGY FOR THE PLANNING OF DEEP RENOVATION POLICIES OF PUBLIC BUILDINGS.**

**MARTA CALZOLARI** *MSc, PhD, Research Fellow*

Department of Architecture, University of Ferrara

**HOW TO BUILD A SUCCESSFUL MSC – IF PROPOSAL. CRITICALITIES, STRATEGIES AND EVALUATION OF THE PROJECT “HELLO - HERITAGE ENERGY LIVING LAB ONSITE”**

**MARTA CALZOLARI** *MSc, PhD, Research Fellow*

**VALENTINA FRIGHI** *MSc, PhD candidate IDAUP XXXII cycle*

Department of Architecture, University of Ferrara

**DISCUSSION**

**PIETROMARIA DAVOLI** *MSc, PhD, Full Prof.*, **GIOVANNI ZANNONI** *MSc, PhD, Full Prof.*

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Scientific Coordinators | **PIETROMARIA DAVOLI** (MSc, PhD, Full Prof.) **GIOVANNI ZANNONI** (MSc, PhD, Full Prof.)

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