

FIRST WEEK

MONDAY 06/07

9:00 - 13:00 - INTRODUCTION TO THE 2026 WORKSHOP, DEPARTMENT FACILITIES VISIT FOR PHD CANDIDATES

9:00 - 9:15 REGISTRATION

9.15-13.00 12TH INTERNATIONAL PHD WORKSHOP OPENING

VERONICA BALBONI, MSc, PhD, Associate Professor, DA, University of Ferrara
LUCA ROSSATO, MSc, PhD, Associate Professor, DA, University of Ferrara

14:00 - 18:00 - KNOWLEDGE-BASED METHODS AND TOOLS FOR CONSERVATION PROJECTS: FROM PRELIMINARY ANALYSIS TO ON-SITE ASSESSMENT

14:00 – 15:45 FROM STRATIGRAPHY TO DAMAGE MECHANISMS:

KNOWLEDGE-BASED ANALYSIS FOR THE CONSERVATION PROJECT OF THE ORATORY OF THE ANNUNZIATA IN FERRARA

MANLIO MONTUORI Phd and Viktorija GAIDYTE, DA, University of Ferrara

16:00 – 17:30 ON-SITE VISIT: UNDERSTANDING THE DAMAGE MECHANISMS

MANLIO MONTUORI, PhD, DA, University of Ferrara

17:30 – 18:00 QUESTION TIME AND CONCLUSIONS

TUESDAY 07/07

9:00 – 13:00 - PhD STUDENTS DAY – CURRICULUM URBAN PLANNING

ELENA DORATO, MSc, PhD, Associate Professor, DA, University of Ferrara
ROMEO FARINELLA, MSc, PhD, Full Professor, DA, University of Ferrara
GIANNI LOBOSCO, MSc, PhD, Associate Professor, DIST, Polytechnic of Turin

14:00 – 18:00 – PhD STUDENTS DAY – CURRICULUM ARCHITECTURE

VERONICA BALBONI, MSc, PhD, Associate Professor, DA, University of Ferrara
FEDERICA MAIETTI, MSc, PhD, Associate Professor, DA, University of Ferrara
ALESSANDRO PRACUCCI, MSc, PhD, Director, Levery S.r.l. Società Benefit
LUCA ROSSATO, MSc, PhD, Associate Professor, DA, University of Ferrara

WEDNESDAY 08/07

9:00 - 13:00 - MAKING RESEARCH OPEN. Practical tools for doctoral research

9.00 – 9.45 WHAT ABOUT OPEN SCIENCE @UNIFE?

SILVIA LUPI, Bibliometrics and Databases Office, University of Ferrara

9.50 – 10.35 SFERA: THE INSTITUTIONAL REPOSITORY OF RESEARCH PRODUCTS @UNIFE

EMANUELA DE LUCA, Bibliometrics and Databases Office, University of Ferrara

10.45 – 11.15 SIMULATION OF DATA ENTRY ON SFERA REPOSITORY

SILVIA LUPI and EMANUELA DE LUCA, Bibliometrics and Databases Office, University of Ferrara

11.15 – 12.15 IMPACT, SOUNDNESS and RELEVANCE. How researchers build visibility and impact in the Open Science era

VALENTINA FRIGHI, MSc, PhD, DA, University of Ferrara

12.15 – 12.30 QUESTION TIME AND CONCLUSIONS

14:00 - 18:00 - POST-NATURAL SYSTEMS: EXPERIENCES, METHODS AND RESEARCH BY DESIGN TOOLS FOR REGENERATION OF AREAS

14:00 – 4.10 INTRODUCTION

ALESSANDRO MASSARENTE, MSc, PhD, Associate Professor, DA, University of Ferrara

14.10 – 14.50 URBAN AND ARCHITECTURAL OVERWRITES: THEORIES AND EXPERIENCES

ALESSANDRO GAIANI, MSc, Associate Professor, DA, University of Ferrara

14.50 – 15.40 ARCHITECTURE AS ISLAND: VENETIAN FORTIFICATION SYSTEM CASE STUDY

ALESSANDRO TESSARI, MSc, PhD, Post-Doctoral Research Fellow, DA, University of Ferrara

16.00 – 16.50 BUILDING THE MEMORY OF WWI LANDSCAPES.PRESERVATION AND INCLUSIVE RE-USE OF THE MESTRE

ENTRENCHED CAMP

SARA DI RESTA, MSc, PhD, Associate Professor, IUAV University of Venice

17.00 – 17.40 FROM VERONA CITY WALLS TO THE FORTIFIED LANDSCAPE OF LAKE GARDA

CLAUDIA CAVALLO, MSc, PhD, IUAV University of Venice

17.40 – 18.00 QUESTION TIME AND CONCLUSIONS

THURSDAY 09/07

9:00 - 13:00 - POST-NATURAL SYSTEMS: EXPERIENCES, METHODS AND RESEARCH BY DESIGN TOOLS FOR REGENERATION OF AREA

9.00 – 9.10 INTRODUCTION

ALESSANDRO GAIANI, MSc, Associate Professor, DA, University of Ferrara

9.10 – 9.50 THEORIES AND RESEARCH BY DESIGN CASE STUDIES ON MILITARY AREAS

ALESSANDRO MASSARENTE, MSc, PhD, Associate Professor, DA, University of Ferrara

9.50 – 10.30 SPACE, TIME AND ENERGY INTEGRATION IN URBAN REGENERATION: BOLOGNA STAMOTO MILITARY AREA

CASE STUDY

KARLA CAVALLARI, MSc, PhD(s), DA, University of Ferrara

10.30 – 11.10 LOCAL TECTONICS AND NEW COLLECTIVE IDENTITIES: RE-INHABITING POST-PRODUCTIVE AND POST-

MILITARY LANDSCAPES

GERARDO SEMPREBON, MSc, PhD, Tenure-track Assistant Professor, DASTU, Polytechnic of Milano

11.30 – 12.10 IMMATERIAL MILITARY NETWORKS: METHODOLOGIES AND CASE STUDIES

OLIVIA LONGO, MSc, PhD, Associate Professor, DICATAM, University of Brescia

12.10 – 12.40 PEACE-HIGH: CATALOGUING OF TROPOSCATTER COMMUNICATION BASES IN EUROPE AND VALORISING THE

ITALIAN ONES

DAVIDE SIGURTA, MSc, PhD, DA, DICATAM, University of Brescia

12.40 – 13.00 QUESTION TIME AND CONCLUSIONS

14:00 - 18:00 - NEEDS FINDING AND CO-DESIGN FOR DESIGN RESEARCH

14:00 – 15.00 NEEDS FINDING AND CO-DESIGN: THEORETICAL FRAMEWORK

GIUSEPPE MINCOLELLI, PhD, Full Professor, DA, University of Ferrara

15 – 15.30 NEEDS FINDING AND CO-DESIGN: DESIGN RESEARCH CASE STUDIES

ROBERTO DI GIULIO, MSc, PhD, Full Professor, DA, University of Ferrara

SILVIA IMBESI, PhD, Post-Doc Research Fellow, DA, University of Ferrara

15.45 – 17.30 WORKSHOP: PLANNING NEEDS FINDING AND CO-DESIGN IN THE RESEARCH CONTEXT

GIUSEPPE MINCOLELLI, PhD, Full Professor, DA, University of Ferrara

SILVIA IMBESI, PhD, Post-Doc Research Fellow, DA, University of Ferrara

FRIDAY 10/07

9:00 - 13:00 - DIGITAL DATA CAPTURING, SEGMENTATION, AND ASSESSMENT FOR ARCHITECTURAL HERITAGE

9:00 - 9:30 INTRODUCTION TO THE SEMINAR

FEDERICA MAIETTI, MSc, PhD, Associate Professor, DA, University of Ferrara

9:30 - 10:15 THEMATIC SEGMENTATION OF HERITAGE FEATURES IN DIGITAL ENVIRONMENTS FOR CRITICAL-INTERPRETIVE

ANALYSES

GABRIELE GIAU, MSc, PhD, Grant Research, DA, University of Ferrara

10:45 - 11:30 TOWARDS THE ADAPTIVE USE OF DIGITAL DATA FOR CONSERVATION AND ENHANCEMENT OF BUILT

HERITAGE

FEDERICA MAIETTI, MSc, PhD, Associate Professor, DA, University of Ferrara

11:30 - 12:15 ADVANCES IN INTEGRATED DIGITAL SURVEYING FOR VULNERABLE SETTINGS

MARTINA SUPPA, MSc, PhD, Grant Research, DA, University of Ferrara

12:15 - 13:00 QUESTION TIME, DISCUSSION AND CONCLUSIONS

14:00 - 18:00 - BUILDING RESEARCH OPPORTUNITIES IN EUROPE: PROGRAMMES, PROPOSALS AND PRACTICES

14:00– 14:15 INTRODUCTION TO THE WORKS

14:15 – 15:00 EUROPEAN RESEARCH AND INNOVATION: FRAMEWORKS, OPPORTUNITIES AND SUPPORT STRUCTURES

ROBERTO DI GIULIO, MSc, PhD, Full Professor, DA, University of Ferrara

15:00 – 15:45 FROM AMBITION TO APPLICATION: SHAPING RESEARCH IDEAS FOR HORIZON EUROPE

VALENTINA FRIGHI, MSc, PhD, DA, University of Ferrara

16:00 – 16:45 UNDERSTANDING THE ERC PROGRAMME: WHAT MAKES A PROPOSAL COMPETITIVE?

FEDERICA MAIETTI, MSc, PhD, Associate Professor, DA, University of Ferrara

16:45 – 17:30 FROM EVALUATION TO FUNDING: A HORIZON EUROPE SUCCESS STORY

EMANUELE PIAIA, MSc, PhD, Associate Professor, DA, University of Ferrara

17:30 – 18:00 LEARNING ASSESSMENT

SECOND WEEK

MONDAY 13/07

9:00 - 13:00 - REVIEW OF LEARNING - 1ST WEEK

VERONICA BALBONI, MSc, PhD, Associate Professor, DA, University of Ferrara

LUCA ROSSATO, MSc, PhD, Associate Professor, DA, University of Ferrara

14:00 - 18:00 - FROM INTEGRATED 3D SURVEY TO CITY INFORMATION MODELING (CIM): TOWARD PROTOCOLS FOR THE DIGITALIZATION OF MINOR HISTORICAL CENTERS - NATIONAL AND INTERNATIONAL EXPERIENCES

14:00 - 14:15 INTRODUCTION

14:15 - 15:15 3D SURVEY AND CITY INFORMATION MODELING (CIM) FOR URBAN RESILIENCE: RESEARCH PATHS

FABIANA RACO, MSc, PhD, Assistant Professor, DA, University of Ferrara

15:30 - 16:30 CITY INFORMATION MODELING AND KEY ENABLING TECHNOLOGIES: CHALLENGES AND OPPORTUNITIES

DARIO RIZZI, PhD, Research Fellow, DA, University of Ferrara

16:30 - 17:30 DOCUMENTING THE COMPLEXITY OF MINOR HISTORIC CENTERS.

TOWARDS PROTOCOLS FOR DIGITALISATION OF QUALITATIVE AND QUANTITATIVE DATA

GRETA MONTANARI, Research Assistant, DA, University of Ferrara

17:30 - 18:00 QUESTION TIME AND CONCLUSIONS

TUESDAY 14/07

9:00 - 13:00 - YOUNG RESEARCH IN ACTION: INTEGRATING SOIL ORGANIC CARBON INTO SPATIAL PLANNING THROUGH EO AND LC.

9:00 – 9:10 INTRODUCTION-EO-SCOPE project tea

9:10 – 10:00 FUNDAMENTALS OF GIS, EARTH OBSERVATION AND LCA FOR SPATIAL PLANNING

CATERINA RONDINA, MSc, PhD(s) XXXIX cycle, DA, University of Ferrara

BEATRICE MAGAGNOLI, MSc, PhD, DA, University of Ferrara

LUCA MORGANTI, MSc, PhD, Research Fellow, DA, University of Ferrara

10:00 – 10:15 SOIL ORGANIC CARBON AND THE BUILT ENVIRONMENT: INTRODUCTION OF EO-SCOPE PROJECT

LISA MENSI, MSc, PhD(s) XXXIX cycle, DA, University of Ferrara

FRANCESCO AXEL PIO ROMIO, MSc, PhD(s) XXXIX cycle, DA, University of Ferrara

10:30– 13:00 HANDS-ON ACTIVITY - APPLICATION OF A MULTIDISCIPLINARY PLANNING FRAMEWORK

EO-SCOPE project team

14:00 - 18:00 - PLANNING DE-CONSTRUCTION IN THE GREEN TRANSITION? IDEAS, PRACTICES AND PROJECTS

14:00 – 14:15 INTRODUCTION TO THE SEMINAR

ROMEO FARINELLA, Full Professor, Department of Architecture, University of Ferrara

14:15 – 14:30 AN UNPRODUCTIVE PROJECT?

RICHARD LEE PERAGINE, Post-doc Research Fellow, Department of Architecture, University of Ferrara

14:30 – 15:15 ASPHALT SOILS. REFRAMING SOIL CONSUMPTIONS IN EUROPEAN LANDSCAPES

FEDERICO BROGGINI, PhD, Adjunct Lecturer, Department of Architecture, University of Ferrara

15:15 – 16:00 THE ODD PROJECT SHAPED BY DISRUPTION

MARCO RANZATO, Associate Professor, Department of Architecture, Roma Tre University

16:15 – 17:00 TOWARDS A LANDSCAPE GAZE

ALESSANDRO DELLI PONTI, PhD(c), Department of Architecture, University of Ferrara

17:00 – 18:00 DISCUSSION AND CONCLUSIONS

ELENA DORATO, Associate Professor, Department of Architecture, University of Ferrara

WEDNESDAY 15/07

9:00 - 13:00 - FROM RESEARCH TO PRACTICE. HOW TO FRAME VERIFIABLE PROBLEMS, STRUCTURE RESEARCH WORKFLOW AROUND STAKEHOLDERS' GOALS, AND TURN OUTCOMES INTO APPLICABLE SOLUTIONS

9:00 – 9:15 BRIDGING RESEARCH AND MARKET: DESIGNING RESEARCH WITH STAKEHOLDERS' GOALS IN MIND – D

ALESSANDRO PRACUCCI, MSc, PhD, Director, Levery S.r.l. Società Benefit

9:15 – 11:00:

WOOD INDUSTRY PLAYERS AND RESEARCH FRAMEWORKS FOR BIO–BASED MATERIAL DEVELOPMENT: LESSONS FROM

WOOD2WOOD

REGIONAL PRODUCERS AND ECOSYSTEM–LEVEL VISIBILITY ON BIO–BASED CONSTRUCTION PRODUCTS: LESSONS FROM

BIO.CO.R.N.ER

ALESSANDRO PRACUCCI, MSc, PhD, Director, Levery S.r.l. Società Benefit

COMPANIES AND PERFORMANCE BENCHMARKING TO ENTER THE BIO–BASED PRODUCT MARKET: LESSONS FROM BIOS

MATER

CONSTRUCTION MANUFACTURERS AND DIGITAL PRODUCT PASSPORT COMPLIANCE: LESSONS FROM AGRIBUILDER

MATTEO GIOVANARDI, MSc, PhD, Senior researcher, Levery S.r.l. Società Benefit

11:00 – 11:10 COMMUNICATING INNOVATION TO REAL–WORLD STAKEHOLDERS: THE ELEVATOR PITCH

ALESSANDRO PRACUCCI, MSc, PhD, Director, Levery S.r.l. Società Benefit

11:10 – 11:55 PITCH PREPARATION: IDENTIFYING YOUR STAKEHOLDER AND STRUCTURING YOUR RESEARCH AROUND

THEIR GOALS

Phd Students

11:55 – 13:00 RESEARCHER ELEVATOR PITCHES: LIVE SESSION

PhD students – feedback by Alessandro Pracucci, Matteo Giovanardi and peers

14:00 - 18:00 - GIS SYSTEM FOR ARCHITECTURAL HERITAGE: TOWARDS THE SURVEY OF HERITAGE AT RISK

14:00 – 14.15 INTRODUCTION

MARCO ZUPPIROLI, PhD, SCI-TEC Area Official, DA, University of Ferrara

14.15 – 16:00 THE DEVELOPMENT OF GIS SYSTEM IN THE CULTURAL HERITAGE FIELD

VERONICA VONA, PhD, Post-Doc Research Fellow, DA, University of Ferrara

16:30 – 17:30 ON SITE PRACTICE

VERONICA VONA, PhD, Post-Doc Research Fellow, DA, University of Ferrara

MARCO ZUPPIROLI, PhD, SCI-TEC Area Official, DA, University of Ferrara

17:30 – 18.00 QUESTION TIME AND CONCLUSIONS

THURSDAY 16/07

9:00 - 17:00 - PREFABRICATED AND BESPOKE FACADE WITH HIGH. TECHNOLOGICAL AND SERVICE CONTENT FOR COMPLEX. BUILDING: FROM DESIGN TO INSTALLATION

9:45 ARRIVAL AT FOCCHI SPA

Meeting point at Focchi's factory in Torriana | Via Collina Italia, 3860, 47824 Poggio Torriana, Rimini

10:00 – 13:00 FACTORY TOUR: PRODUCTION FACILITIES AND VISUAL MOCK-UP AREA

ENRICO GABELLINI, Operation manager assistant, Focchi SpA

GIACOMO PIRACCINI, MSc, Mock-up manager, Focchi SpA

14:00 – 14:15 INSTITUTIONAL GREETINGS AND ACKNOWLEDGEMENTS

MAURIZIO FOCCHI, Cavaliere del Lavoro, MD, President, Focchi SpA

LUCA MORGANTI, MSc, PhD, Research Fellow, DA, University of Ferrara

14:15 – 17:00 PREFABRICATED TECHNOLOGICAL SOLUTIONS FOR BESPOKE ARCHITECTURAL BUILDING ENVELOPE

PAOLO ERMETI, MSc, Technical Director, Head of Design, Focchi SpA

17:00 CLOSING REMARKS AND END OF PROGRAMME

FRIDAY 17/07

9:00 - 13:00 - CREATIVE BUILDING PARK AT THE TEKNEHUB LABORATORY: FROM THEORY TO EXPERIMENTAL VALIDATION OF BUILDING PHYSICS APPLICATIONS

9:00 – 11:00 MAKING RENEWABLES WORK: STORAGE, FLEXIBILITY AND BUILDING PHYSICS IN ACTION

11:00 – 12:15 ENGINEERING THE FAÇADE: ENERGY HARVESTING, THERMAL MANAGEMENT AND SEISMIC RESILIENCE

MICHELE BOTTARELLI, MSc, Associate Professor, Head of the RELY laboratory, DA, University of Ferrara

ELEONORA BACCIGA, MSc, PhD, RTD/A, RELY laboratory, DA, University of Ferrara

SILVIA CESARI, MSc, PhD, RTD/A, RELY laboratory, DA, University of Ferrara

12:15 – 13:00 BUILDING PARK VISIT: PROTOTYPES OF EU FUNDED RESEARCH PROJECTS

RELY team

14:00 - 18:00 - REVIEW OF LEARNING - 2ND WEEK CONCLUSION OF THE 2026 WORKSHOP

VERONICA BALBONI, MSc, PhD, Associate Professor, DA, University of Ferrara

LUCA ROSSATO, MSc, PhD, Associate Professor, DA, University of Ferrara

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