**RESEARCH BETWEEN REAL AND VIRTUAL** 

### 9<sup>th</sup> Ferrara International PhD Workshop 2023\*

BLENDED WORKSHOP Trough GoToMeeting web-hosted servic

IDAUP - International Doctorate in Architecture and Urban Planning

ROBERTO DI GIULIO, IDAUP Programme Coordinator THEO ZAFFAGNINI, DA PhD Programme Supervisor\_DA Deputy Vice-coordinator \*SCIENTIFIC INTERNATIONAL WS COORDINATOR: THEO ZAFFAGNINI ORGANIZATION: T. ZAFFAGNINI, L. CEI, G. GIAU, B. MAGAGNOLI, F. PASQUALE, F. PLANU

#### 03/07 - MONDAY DA, Room A5 9:00 REGISTRATION

#### 9:15 9TH INTERNATIONAL DA PHD WORKSHOP 2023 OPENING

ROBERTO DI GIULIO PhD, Full Professor, IDAUP Program Coordinator, University of Ferrara THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara 10:00 PRESENTATIONS AND AIMS OF THE WS SEMINARS BY SCIENTIFIC SEMINARS COORDINATORS 10:20 MEETING RETWEEN POLIS PHD CANDIDATES AND DA

10:30 MEETING BETWEEN POLIS PHD CANDIDATES AND DA CO-SUPERVISORS

### THE PROJECT OF THE REAL

#### 14:00 INTRODUCTION

ALESSANDRO MASSARENTE MSc, PhD, Associate Professor, DA, University of Ferrara 14:15 URBAN AND ARCHITECTURAL DESIGN FOR HERITAGE: SOME REUSE AND RECYCLE THEORIES AND EXPERIENCES

ALESSANDRO MASSARENTE MSc, PhD, Associate Professor, DA, University of Ferrara 16:00 ARCHITECTURAL IN TRANSITION: URBAN AND ARCHITECTURALOVERLAYS: THEORIES AND EXPERIENCES

ALESSANDRO GAIANI MSc, Assistant Professor, DA, University of Ferrara 17:30 CONCLUSIONS

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

#### 04/07 - TUESADY DA, Room A4

TERRITORIAL PLANNING AND STRATEGIC CHOICES 9:00 STRATEGIC URBAN PLANNING AND THE PUBLIC INTEREST, A LONG-TERM GUIDING CRITERION FOR AREAS STRUCK BY CATASTROPHIC EVENTS SUCH AS EARTHQUAKES AND FLOODS

GASTONE AVE MCRP, Full Professor of City and Regional Planning, DA, University of Ferrara 10:00 THE URBAN PROJECT OF STRATEGIC VALUE: CASE STUDIES AND EXPERIENCES COMPARED

FRANCESCO ALBERTI MSc, PhD, Rtd-A, Adjunct Professor of City and Regional Planning, DA, University of Ferrara

11:00 RECONSTRUCTION PLANNING IN CENTRAL ITALY AREAS AND IN THE ISLE OF ISCHIA, THE CHALLENGES OF THE ITALIAN RECOVERY AND RESILIENCE | PROGRAM-PNRR, 2021-2026

**GIANLUCA LOFFREDO** MsC, PhD, Extraordinary Sub Commissioner of Marche Region, Extraordinary Commissioner 2016 Eartquake Reconstruction, Presidency of the council minister

12:00 VISIT TO CUM-CONSORTIUM OF MEN OF MASSENZATICA, FERRARA

**GIANLUCA LOFFREDO** MsC, PhD, Extraordinary Sub Commissioner of Marche Region, Extraordinary Commissioner 2016 Eartquake Reconstruction, Presidency of the council minister

#### 14:00 THE PRODUCTIVE MANAGEMENT OF THE AGRICULTURAL TERRITORY IN EMILIA ROMAGNA: THE CASE OF THE CUM IN THE CONTEXT OF THE PROTECTION OF THE PO DELTA

CARLO RAGAZZI Degree in Political Science, President of Consortium of Men of Massenzatica | CUM Ferrara

#### 05/07 - WEDNESDAY DA, Room A4

#### **RESEARCH METHODOLOGIES IN THE EUROPEAN FRAMEWORK** Innovation Towards Practice

#### 9:00 INTRODUCTION

ROBERTO DI GIULIO PhD, Full Professor, IDAUP Program coordinator, University of Ferrara

ALBERTO GRANDO MSc, PhD, Department of Architecture, University of Ferrara 17:30 DISCUSSION AND CONCLUSION

#### **10/07 - MONDAY** *DA, Room A2* INTERNATIONAL CONFERENCE

#### **EXPLORING URBAN FUTURE:** From Cybernetics to AI Urbanism

9:00 INTRODUCTION

THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara 9:15 EXPLORING URBAN FUTURE: CYBERNETICS

THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara OTELLO PALMINI MSc, PhD student IDAUP XXXVII cycle, DA, University of Ferrara

10:15 EXPLORING URBAN FUTURE: AI URBANISM FEDERICO CUGURULLO Keynote Speaker MSc, PhD, Assistant Professor, Trinity College Dublin 11:15 DISCUSSION

#### 12:30 CONCLUSIONS

#### NEW PROCESSES AND SCENARIOS FOR HISTORIC HERITAGE: Sustainable development models

14:00 INTRODUCTION

PIETROMARIA DAVOLI MSc, PhD, Full Professor | DA, University of Ferrara

GIOVANNI ZANNONI MSc, PhD, Full Professor | DA, University of Ferrara

14:15 "ARCHITETTURA>ENERGIA" RESEARCH CENTRE PROJECTS:

ENERGY-ENVIRONMENTAL RETROFIT OF HERITAGE BUILDINGS PIETROMARIA DAVOLI MSc, PhD, Full Professor | DA, University of Ferrara 14:45 IN SITU MONITORING CAMPAIGNS: ASSESSMENT OF DIAGNOSIS TOOLS FOR THE ENERGY RETROFITOF HISTORIC HERITAGE (HELLO AND TECH-START PROJECTS)

MARTA CALZOLARI MSc, PhD, Assistant Professor | DA, University of Ferrara 16:05 MODELS AND PROCESSES FOR THE ENERGY AND ENVIRONMENTAL REFURBISHMENT OF HISTORICAL BUILDINGS

ELEONORA BACCEGA MSc, PhD, Researcher | DA, University of Ferrara 16:45 A MULTI-PARAMETRIC DECISION SUPPORT SYSTEM TO PLAN ENERGY RETROFIT ACTIONS ON CULTURAL HERITAGE

AURORA RUGGERI MSc, PhD, Researcher | IUAV University of Venezia

11/07 - TUESDAY FOCCHI S.p.A. Headquarters, Poggio Torriana (RN)

#### **GUIDED TOUR OF FOCCHI SPA INDUSTRY**

Design, manufacture and installation of curtain walling with high technological and service content. Engineering for external cladding of complex structures

#### 9:45 ARRIVAL AT FOCCHI SPA HEADQUARTERS 9:50 INTRODUCTORY GREETINGS

GIOVANNI ZANNONI MSc, PhD, Full Professor | DA, University of Ferrara 10:00 PREFABBRICATED TECHNOLOGICAL SOLUTIONS FOR BESPOKE ARCHITECTURAL BUILDING ENVELOPE

#### ALESSANDRO PRACUCCI MSc, PhD, Innovation Manager, Focchi S.p.A. 14:00 VISIT TO FACTORY PRODUCTION FACILITIES AND VISUAL MOCK-UPS EXPOSITION

TOMAS MAESTRI MSc, Production Engineer, Focchi S.p.A ALESSANDRO PRACUCCI MSc, PhD, Innovation Manager, Focchi S.p.A. 17:00 THANKS TO THE GUESTS AND GUIDED TOUR END

#### 9:10 ERC CONSOLIDATOR AND ADVANCED GRANTS. INDIVIDUAL PROJECTS AS PRINCIPAL INVESTIGATOR.

FEDERICA MAIETTI MSc, PhD, Associate Professor, DA, University of Ferrara 9:50 PROCEDURE TO CREATE AN HORIZON EUROPE RESEARCH PROPOSAL

EMANUELE PIAIA MSc, PhD, Associate Professor, DA, University of Ferrara 11:00 THE CASE OF INCEPTION: FROM RESEARCH PROJECT TO SPIN-OFF

MARCO MEDICI MSc, PhD, Researcher, DA, University of Ferrara

11:40 THE 4CH PROJECT

ROBERTO DI GIULIO PhD, Full Professor, IDAUP Program coordinator, University of Ferrara 12:30 CONCLUSION AND QUESTIONS

### TERRITORIAL PLANNING AND STRATEGIC CHOICES

14:00 FINAL TEST ON TERRITORIAL PLANNING AND STRATEGIC CHOICES GASTONE AVE MCRP, Full Professor of City and Regional Planning, DA, University of Ferrara

FRANCESCO ALBERTI MSc, PhD, Rtd-A, Adjunct Professor of City and Regional Planning, DA, University of Ferrara

15:30 THE URBAN PROJECT OF STRATEGIC VALUE: CASE STUDIES AND EXPERIENCES COMPARED

FRANCESCO ALBERTI MSc, PhD, Rtd-A, Adjunct Professor of City and Regional Planning, DA, University of Ferrara

#### 16:00 KNOWLEDGE ASSESSMENT

#### 06/07 - THURSDAY DA, Room A5

# ARCHITECTURAL HERITAGE CONSERVATION: A TOPIC ABOUT AUTHENTICITY

9:30 INTRODUCTION

VERONICA BALBONI MSc, PhD, Assistant Professor, DA, University of Ferrara 10:30 BEYOND THE CATALOGUE

ALESSANDRO SCARNATO MSc., PhD, Associate Professor, Universitat Politècnica de Catalunya

12:00 DISCUSSION

VERONICA BALBONI MSc, PhD, Assistant Professor, DA, University of Ferrara ALESSANDRO SCARNATO MSc , PhD, Associate Professor, Universitat Politècnica de Catalunya

#### 14:00 KNOWLEDGE ASSESSMENT

#### 07/07 - FRIDAY DA, Room A5

**URBAN INFRASTRUCTURES FOR CCAM** 

Living Lab MASA - Modena Automotive Smart Area

9:00 GLOBAL TECHNOLOGY TRENDS IN AUTOMOTIVE. IMPACTS, RISKS AND OPPORTUNITIES.

FRANCESCO LEALI PhD, Full professor | Department of Engeneering, University of Modena e Reggio Emilia 9:45 COOPERATIVE SPACE AND TECH INNOVATION IN AUTOMOTIVE. THE LIVING LAB MASA.

GIULIA TAGLIAZUCCHI PhD, Department of Economics, University of Modena e Reggio Emilia 11:00 SMART MOBILITY OPPORTUNITIES AND RISKS, FROM A LAW PERSPECTIVE. THE CASE OF PERSONAL DATA PROTECTION.

ROLANDO POGGI PhD Candidate, Marco Biagi Foundation, University of Modena and Reggio Emilia 11:45 DIGITAL TRANSFORMATIONS IN URBAN MOBILITY. INNOVATIONS IN INFRASTRUCTURES, VEHICLES AND SERVICES.

FRANCESCO PASQUALE PhD Candidate, Department of Architecture, University of Ferrara 12:30 ROUNDTABLE AND DISCUSSION WITH ALL LECTURERS

THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara

#### **CONSEQUENTIAL LANDSCAPE**

Environmental Regulation as a Propedeutic Cultural Element to Lanscape Infrastructure Design

#### 14:00 CONVERGENCES BETWEEN REGULATIONS AND DESIGN

LORENZO TINTI MSc, PhDc Department of Architecture, University of Ferrara 14:45 LANDSCAPE (AROUND) INFRASTRUCTURES

GIANNI LOBOSCO MSc, PhD, Assistant Professor, DIST, Politecnico of Torino

#### 12/07 - WEDNESDAY DA, Room A5 THE RESPONSIVE CITY

Smart Buildings, Componendt and Objects

9:00 FROM SMART CITY TO SMART CITY 3.0 OR "A RESPONSIVE CITY" THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara 9:45 FROM SMART DISTRICT TO SMART BUILDING: OPPORTUNITIES AND STRATEGIES FOR THE IMPLEMENTATION OF EXTENDED DIGITAL TWIN FOR USERS' CAPACITY BUILDING

ALESSANDRO PRACUCCI MSc, PhD, Innovation Manager Focchi Group 10:45 FROM SMART BUILDING TO SMART CONSTRUCTION OBJECT: KEY STUDIES AND TRENDING SCENARIOS ENABLED BY IOT AND AI

MATTEO GIOVANARDI MSc, PhD, Innovation Project Manager, Focchi Group 11:30 SMART OBJECTS IN THE URBAN ENVIRONMENT. AN APPLIED RESEARCH FOR HEALTHIER AND MORE SUSTAINABLE CITIZENS

ILARIA FABBRI MSc, PhD, Temporary researcher, University of Camerino 12:15 QUESTION TIME AND CONCLUSIONS

#### **TOWARDS A CRITICAL APPROACH IN SPATIAL RESEARCH** 14:00 INTRODUCTION

ELENA DORATO MSc, PhD, Tenure Track Researcher, DA, University of Ferrara 14:15 PROFANING PLAY. EPISTEMOLOGY AND SPATIAL ARTICULATIONS OF AN(OTHER) USE.

J. IGOR FARDIN MSc, PhDc, Politecnico of Torino 15:00 THE EMPTINESS OF SOVEREIGNTY. "FIGURING" THE RELATIONSHIP BETWEEN POWER AND THE PROJECT.

RICHARD LEE PERAGINE MSc, PhDc, DIST, Politecnico of Torino

16:00 LIFELINES AND THE POSSIBILITY OF DESTITUENT DESIGN. OPAQUE NOTES ON INCOMPLETENESS AND FAILURE AS METHODS IN URBAN CRISIS RESEARCH.

CAMILLO BOANO MSc, PhD, Full professor, Politecnico of Torino and Development Planning Unit, UCL 16:45 CONCLUSION AND DISCUSSION

#### 13/07 - THURSDAY DA, Room A5

**CRITERIA FOR SPREADING AND EXPLOITING OF RESEARCH RESULTS** 9:00 INNOVATION IN DOCTORAL TRAINING PROCESSES. The indispensability of continuous publicly shared scientific productivity

THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara 10:00 HOW TO SURVIVE TO OPEN SCIENCE. General principles, writing and dissemination resources

VALENTINA FRIGHI MSc, PhD, Assistant professor, Department of Architecture, University of Ferrara 11:00 IRIS: THE INSTITUTIONAL REPOSITORY OF RESEARCH PRODUCTS @ UNIFE

**EMANUELE DE LUCA** Administrative Assistant, Bibliometrics and Databases Office, University of Ferrara

SILVIA LUPI Administrative Assistant, Bibliometrics and Databases Office, University of Ferrara 12:15 STUDENTS WORKING ACTIVITY

#### 14/07 - FRIDAY DA, Room C2

# 9:00 ACTIVITIES TO VERIFY THE ACQUIRED SKILLS OF DOCTORAL STUDENTS

ROBERTO DI GIULIO PhD, Full Professor, IDAUP Program coordinator, University of Ferrara THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara

#### MEETING WITH IDAUP ALUMNI

# MEETING BETWEEN DOCTORAL STUDENTS ON COMMON OR INTERDISCIPLINARY RESEARCH TOPICS

THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara 14:00 COMPLETION AND DELIVERY OF TASKS ASSIGNED DURING THE WORKSHOP

#### 17:00 CLOSING OF THE 9TH FERRARA INTERNATIONAL PH.D. WORKSHOP IDAUP 2023

ROBERTO DI GIULIO PhD, Full Professor, IDAUP Program coordinator, University of Ferrara THEO ZAFFAGNINI PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara



#### SOFIA BENEDETTI MSc, PhDc, Department of Legal Studies, University of Bologna

#### 16:45 INTEGRATING ENVIRONMENTAL ASSESSMENTS IN THE LANDSCAPE DESIGN PROCESS

## In order to be registred to the 9th FI.WS IDAUP or to a daily seminar, please write ONE DAY BEFORE the selected event both to theo.zaffagnini@unife.it and beatrice.magagnoli@unife.it to obtain the GoToMeeting platform Session ID



#### July 15th-22nd, October 11th-16th 2021 Dipartimento di Architettura Via della Ghiara, 36 | Ferrara



IUSS / DA IDAUP | July 3<sup>rd</sup> 2023 | h 9:00 - 13:00 DA, Room A5 / Blended through Go to Meeting

# 9<sup>th</sup> INTERNATIONAL DA PHD WORKSHOP 2023 OPENING

h 9:00 - 9:15 **REGISTRATION** 

h 9:15 - 10:00

9<sup>th</sup> INTERNATIONAL DA PHD WORKSHOP 2023 OPENING

ROBERTO DI GIULIO | PhD, Full Professor, IDAUP Program Coordinator, University of Ferrara THEO ZAFFAGNINI | MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara

h 10:00 - 10:30 PRESENTATIONS AND AIMS OF THE WS SEMINARS BY SCIENTIFIC SEMINARS COORDINATORS

#### h 10:30 - 13:00 MEETING BETWEEN POLIS PHD CANDIDATES AND DA CO-SUPERVISORS

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific International Workshop Coordinator and Organizator | THEO ZAFFAGNINI (MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP, University of Ferrara)

In order to be registred to the 9<sup>th</sup> F.I.WS IDAUP or to a daily seminar, please write ONE DAY BEFORE the selected event both to theo.zaffagnini@unife.it and beatrice.magagnoli@unife.it to obtain the GoToMeeting platform Session ID





IUSS / DA IDAUP | July 3<sup>rd</sup> 2023 | h 14:00 - 18:00 DA, Room A5 / Blended through Go to Meeting

## THE PROJECT OF THE REAL SEMINAR

h 14:00 - 14:15 INTRODUCTION ALESSANDRO MASSARENTE | MSc, PhD, Associate Professor, DA, University of Ferrara

h 14:15 - 15:45 URBAN AND ARCHITECTURAL DESIGN FOR HERITAGE: SOME REUSE AND RECYCLE THEORIES AND EXPERIENCES ALESSANDRO MASSARENTE | MSc, PhD, Associate Professor, DA, University of Ferrara

h 16:00 - 17:30

#### ARCHITECTURAL IN TRANSITION: URBAN AND ARCHITECTURALOVERLAYS: THEORIES AND EXPERIENCES

ALESSANDRO GAIANI | MSc, Assistant Professor, DA, University of Ferrara

#### h 17:30 - 18:00 CONCLUSIONS

# ALESSANDRO GAIANI | MSc, Assistant Professor, DA, University of Ferrara ALESSANDRO MASSARENTE | MSc, PhD, Associate Professor, DA, University of Ferrara

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinators | ALESSANDRO MASSARENTE (MSc, PhD, Associate Professor, DA, University of Ferrara) | ALESSANDRO GAIANI (MSc, Assistant Professor, DA, University of Ferrara)

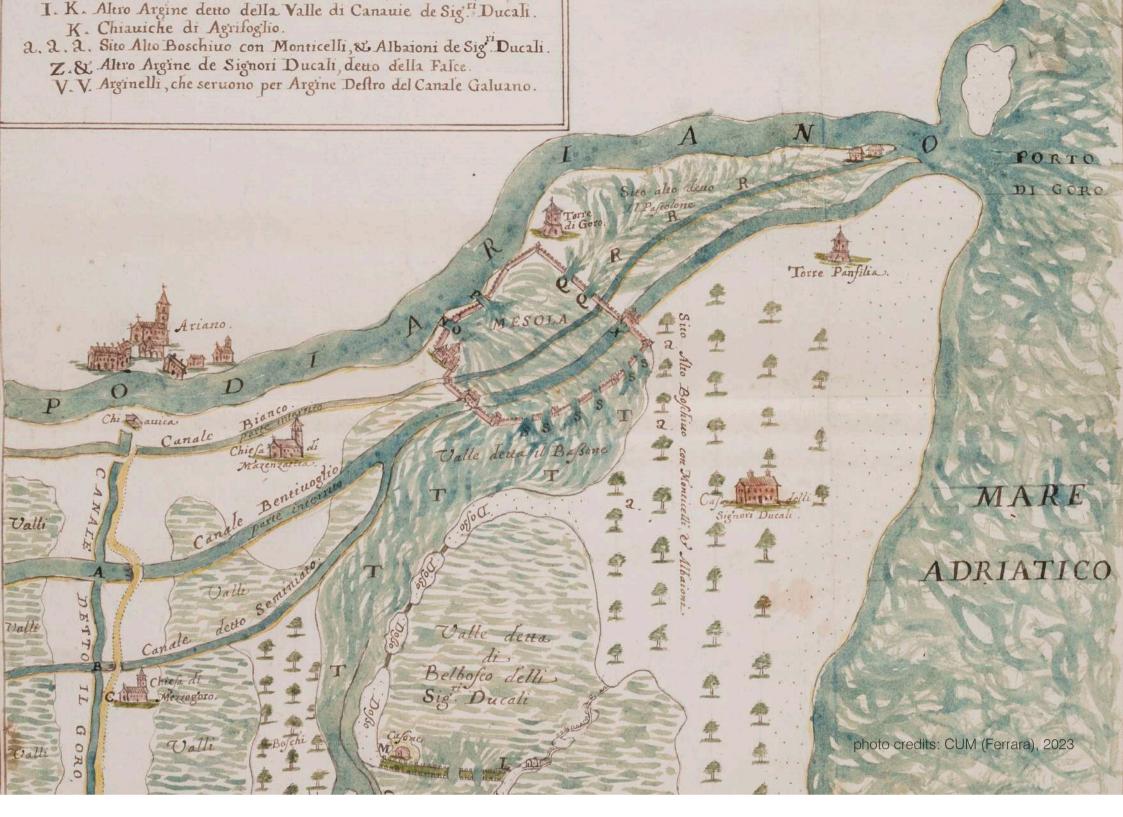
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IUSS / DA IDAUP | July 4<sup>th</sup> 2023 | h 9:00 - 18:00 DA, Room A4 / Blended through Go to Meeting

# **TERRITORIAL PLANNING AND STRATEGIC CHOICES SEMINAR**

h 9:00 - 10:00

STRATEGIC URBAN PLANNING AND THE PUBLIC INTEREST, A LONG-TERM GUIDING CRITERION FOR AREAS STRUCK BY CATASTROPHIC EVENTS SUCH AS EARTHQUAKES AND FLOODS

GASTONE AVE | MCRP, Full Professor of City and Regional Planning, DA, University of Ferrara

h 10:00 - 11:00

#### THE URBAN PROJECT OF STRATEGIC VALUE: CASE STUDIES AND EXPERIENCES COMPARED

FRANCESCO ALBERTI | MSc, PhD, Rtd-A, Adjunct Professor of City and Regional Planning, DA, University of Ferrara

h 11:00 - 12:00

**RECONSTRUCTION PLANNING IN CENTRAL ITALY AREAS AND IN THE ISLE OF ISCHIA, THE CHALLENGES OF THE** ECOVERY AND RESILIENCE | PROGRAM-PNRR,

GIANLUCA LOFFREDO | MsC, PhD, Extraordinary Sub Commissioner of Marche Region, Extraordinary Commissioner 2016 Eartquake Reconstruction, Presidency of the council minister

#### h 12:00 - 18:00 VISIT TO CUM-CONSORTIUM OF MEN OF MASSENZATICA, FERRARA

h 14:00 - 16:00

#### THE PRODUCTIVE MANAGEMENT OF THE AGRICULTURAL TERRITORY IN EMILIA-ROMAGNA: THE CASE OF THE CUM IN THE CONTEXT OF THE PROTECTION OF THE PO DELTA

CARLO RAGAZZI | Degree in Political Science, President of Consortium of Men of Massenzatica | CUM Ferrara

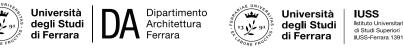
9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinator | GASTONE AVE (MCRP, Full Professor of City and Regional Planning, DA, University of Ferrara)

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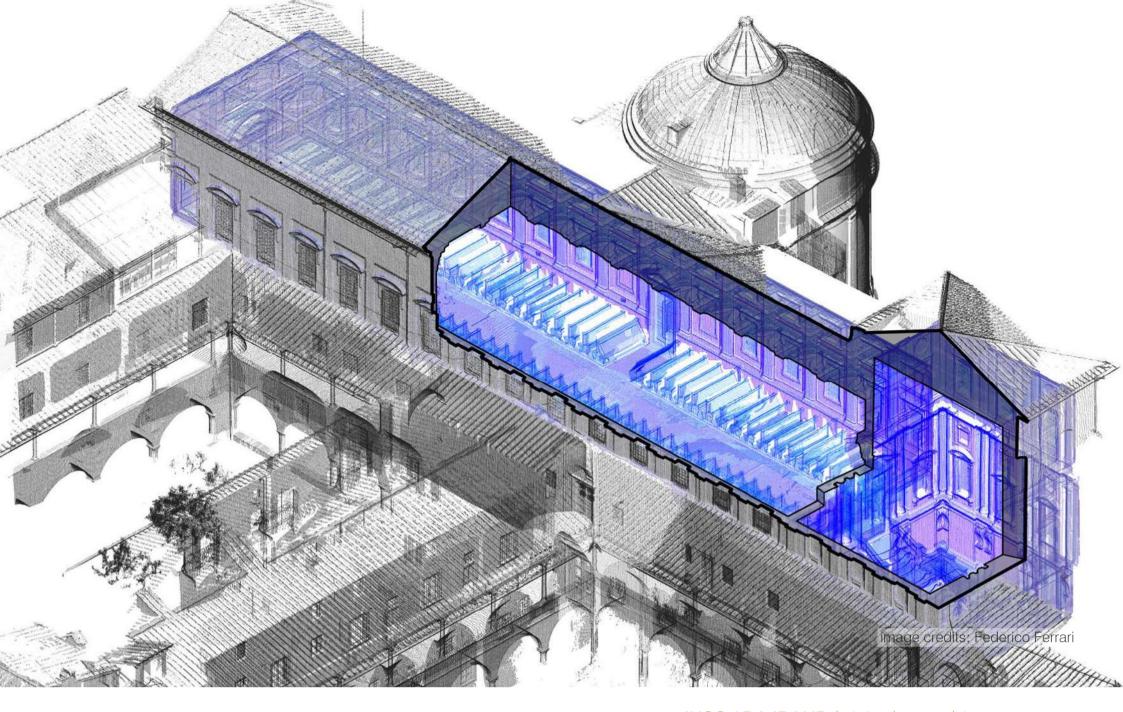




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IUSS / DA IDAUP | July 5<sup>h</sup> 2023 | h 9:00 - 13:00 DA, Room A5 / Blended through Go to Meeting

# **RESEARCH METHODOLOGIES** IN THE EUROPEAN FRAMEWORK **INNOVATION TOWARDS PRACTICE**

h 9:00 - 9:10 INTRODUCTION ROBERTO DI GIULIO | PhD, Full Professor, DA IDAUP Program coordinator, University of Ferrara

> h 9:10 - 9:50 **ERC CONSOLIDATOR AND ADVANCED GRANTS.** NDIVIDUAL PROJECTS AS PRINCIPAL INVESTIGATOR. FEDERICA MAIETTI | MSc, PhD, Associate Professor, DA, University of Ferrara

h 9:50 - 10:40 **PROCEDURE TO CREATE AN HORIZON EUROPE RESEARCH PROPOSAL** EMANUELE PIAIA | MSc, PhD, Associate Professor, DA, University of Ferrara

> h 10:40 - 11:00 **COFFEE BREAK**

#### h 11:00 - 11:40 THE CASE OF INCEPTION: FROM RESEARCH PROJECT TO SPIN-OFF

MARCO MEDICI | MSc, PhD, Researcher, DA, University of Ferrara

h 11:40 - 12:30 THE 4CH PROJECT

ROBERTO DI GIULIO | PhD, Full Professor, DA IDAUP Program coordinator, University of Ferrara

#### h 12:30 - 13:00 **CONCLUSION AND QUESTIONS**

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinators | EMANUELE PIAIA (MSc, PhD, Associate Professor, DA, University of Ferrara) | FEDERICA MAIETTI (MSc, PhD, Associate Professor, DA, University of Ferrara)

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IUSS / DA IDAUP | July 5th 2023 | h 14:00 - 16:00 DA, Room A4 / Blended through Go to Meeting

# **TERRITORIAL PLANNING AND STRATEGIC CHOICES SEMINAR**

h 14:00 - 15:30 FINAL TEST ON TERRITORIAL PLANNING AND STRATEGIC CHOICES

GASTONE AVE | MCRP, Full Professor of City and Regional Planning, DA, University of Ferrara FRANCESCO ALBERTI | MSc, PhD, Rtd-A, Adjunct Professor of City and Regional Planning, DA, University of Ferrara

> h 15:30 - 16:00 **TEST RESULTS AND FINAL MARKS**

FRANCESCO ALBERTI | MSc, PhD, Rtd-A, Adjunct Professor of City and Regional Planning, DA, University of Ferrara

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinator | GASTONE AVE (MCRP, Full Professor of City and Regional Planning, DA, University of Ferrara)

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IUSS / DA IDAUP | July 6<sup>h</sup> 2023 | h 9:30 - 13:00 DA, Room A5 / Blended through Go to Meeting

# **ARCHITECTURAL HERITAGE CONSERVATION: A TOPIC ABOUT AUTHENTICITY SEMINAR**

h 9:30 - 10:30 INTRODUCTION

VERONICA BALBONI | MSc, PhD, Assistant Professor, DA, University of Ferrara

h 10:30 - 12:00 **BEYOND THE CATALOGUE** 

ALESSANDRO SCARNATO | MSc , PhD, Associate Professor, Universitat Politècnica de Catalunya

#### h 12:00 - 13:00 DISCUSSION

FOCCHI

ALESSANDRO SCARNATO | MSc, PhD, Associate Professor, Universitat Politècnica de Catalunya

VERONICA BALBONI | MSc, PhD, Assistant Professor, DA, University of Ferrara

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinator | VERONICA BALBONI (MSc, PhD, Assistant Professor, DA, University of Ferrara)

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## URBAN INFRASTRUCTURES FOR CCAM LIVING LAB MASA - MODENA AUTOMOTIVE SMART AREA

h 09:00 - 09:45

GLOBAL TECHNOLOGY TRENDS IN AUTOMOTIVE. IMPACTS, RISKS AND OPPORTUNITIES. FRANCESCO LEALI | PhD, Full professor | Department of Engeneering, University of Modena e Reggio Emilia

h 09:45 - 10:30

COOPERATIVE SPACE AND TECH INNOVATION IN AUTOMOTIVE. THE LIVING LAB MASA. GIULIA TAGLIAZUCCHI | PhD | Department of Economics, University of Modena e Reggio Emilia

h 11:00 - 11:45

SMART MOBILITY OPPORTUNITIES AND RISKS, FROM A LAW PERSPECTIVE. THE CASE OF PERSONAL DATA PROTECTION.

ROLANDO POGGI | PhD Candidate | Marco Biagi Foundation, University of Modena and Reggio Emilia

h 11:45 - 12:30

#### DIGITAL TRANSFORMATIONS IN URBAN MOBILITY. INNOVATIONS IN INFRASTRUCTURES, VEHICLES AND SERVICES.

FRANCESCO PASQUALE | PhD Candidate | Department of Architecture, University of Ferrara

h 12:30 - 13:00

#### **ROUNDTABLE AND DISCUSSION WITH ALL LECTURERS**

THEO ZAFFAGNINI | MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP | DA, University of Ferrara)

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinators | THEO ZAFFAGNINI (MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP | DA, University of Ferrara) FRANCESCO PASQUALE | PhD Candidate | Department of Architecture, University of Ferrara

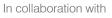
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IUSS / DA IDAUP | July 7th 2023 | h 14:00 - 18:00 DA Room A5 / Blended through Go to Meeting

## **CONSEQUENTIAL LANDSCAPE ENVIRONMENTAL REGULATION AS A PROPAEDEUTIC CULTURAL ELEMENT TO** LANDSCAPE INFRASTRUCTURE DESIGN

h 14:00 - 14:45

**CONVERGENCES BETWEEN REGULATIONS AND DESIGN** 

LORENZO TINTI MSc, PhDc | Department of Architecture, University of Ferrara

h 14:45 - 15.30 LANDSCAPE (AROUND) INFRASTRUCTURES

GIANNI LOBOSCO MSc, PhD, Assistant Professor | DIST, Politecnico of Torino

h 16:00 - 16:45 THE REGULATORY APPARATUS OF E.I.A.

SOFIA BENEDETTI MSc, PhDc | Department of Legal Studies, University of Bologna

#### h 16:45 - 17:30 INTEGRATING ENVIRONMENTAL ASSESSMENTS IN THE LANDSCAPE DESIGN PROCESS

ALBERTO GRANDO MSc, PhD | Department of Architecture, University of Ferrara

h 17:30 - 18:00 **DISCUSSION AND CONCLUSION** 

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinators | LUCA EMANUELI (MSc, PhD, Professor) | LORENZO TINTI (MSc, PhDc)

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#### IUSS / DA IDAUP | July 10<sup>th</sup> 2023 | h 9:00 - 13:00 DA, Room A2 / Blended through Go to Meeting

# INTERNATIONAL CONFERENCE EXPLORING URBAN FUTURE: From Cybernetics to Al Urbanism

h 9:00 - 9:15 INTRODUCTION

THEO ZAFFAGNINI MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP | DA, University of Ferrara

#### h 9:15 - 10:00 EXPLORING URBAN FUTURE: CYBERNETICS

THEO ZAFFAGNINI MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP | DA, University of Ferrara OTELLO PALMINI MSc, PhD student IDAUP XXXVII cycle | DA, University of Ferrara

h 10:00 - 10:15

#### COFFEE BREAK

#### h 10:15 - 11:15 EXPLORING URBAN FUTURE: AI URBANISM

FEDERICO CUGURULLO Keynote Speaker | MSc, PhD, Assistant Professor | Trinity College Dublin

h 11:15 - 12:30 **DISCUSSION** 

#### h 12:30 - 13:00 CONCLUSIONS

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinator | THEO ZAFFAGNINI (MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP | DA, University of Ferrara)

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IUSS / DA IDAUP | July 10<sup>h</sup> 2023 | h 14:00 - 18:00 DA, Room A5 / Blended through Go to Meeting

# **NEW PROCESSES AND SCENARIOS FOR HISTORIC HERITAGE:** Sustainable development models **SEMINAR**

h 14:00 - 14:15 INTRODUCTION

PIETROMARIA DAVOLI | MSc, PhD, Full Professor, DA, University of Ferrara GIOVANNI ZANNONI | MSc, PhD, Full Professor, DA, University of Ferrara

h 14:15 - 14:45

"ARCHITETTURA>ENERGIA" RESEARCH CENTRE PROJECTS: **ENERGY-ENVIRONMENTAL RETROFIT OF HERITAGE BUILDINGS** PIETROMARIA DAVOLI | MSc, PhD, Full Professor, DA, University of Ferrara

h 14:45 - 15:45

IN SITU MONITORING CAMPAIGNS: ASSESSMENT OF DIAGNOSIS TOOLS FOR THE ENERGY RETROFIT OF HISTORIC HERITAGE (HELLO AND TECH-START PROJECTS)

MARTA CALZOLARI | MSc, PhD, Assistant Professor | DA, University of Ferrara

h 15:45 - 16:05 **COFFEE BREAK** 

h 16:05 - 16:45

#### MODELS AND PROCESSES FOR THE ENERGY AND ENVIRONMENTAL REFURBISHMENT OF HISTORICAL BUILDINGS ELEONORA BACCEGA | MSc, PhD, Researcher | DA, University of Ferrara

h 16:45 - 17:45

#### A MULTI-PARAMETRIC DECISION SUPPORT SYSTEM TO PLAN ENERGY RETROFIT ACTIONS ON CULTURAL HERITAGE

AURORA RUGGERI | MSc, PhD, Researcher | IUAV University of Venezia

h 17:45 - 18:00 DISCUSSION

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University of Ferrara) | MARTA CALZOLARI, MSc, PhD, Assistant Professor, DA, University of Ferrara | AURORA RUGGERI, MSc, PhD, Researcher, Università IUAV di Venezia

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#### IUSS / DA IDAUP | July 11<sup>h</sup> 2023 | h 9:45 - 17:00

Focchi S.p.A Headquarters I Via Cornacchiara, 805 47824 Poggio Torriana, Rimini, Italy (in-presence activity)

# **GUIDED TOUR OF FOCCHI SPA INDUSTRY**

DESIGN, MANUFACTURE AND INSTALLATION OF CURTAIN WALLING WITH HIGH TECHNOLOGICAL AND SERVICE CONTENT. ENGINEERING FOR EXTERNAL CLADDING OF COMPLEX STRUCTURES

> h 9:45 ARRIVAL AT FOCCHI SPA HEADQUARTERS

h 9:50 - 10:00 INTRODUCTORY GREEETINGS GIOVANNI ZANNONI | MSc, PhD, Full Professor, DA, University of Ferrara

h 10:00 - 12:00 PREFABBRICATED TECHNOLOGICAL SOLUTIONS FOR BESPOKE ARCHITECTURAL BUILDING ENVELOPE ALESSANDRO PRACUCCI I MSc, PhD, Innovation Manager | Focchi SpA

> h 12:00 - 13:00 LUNCH

#### h 14:00 - 16:30 VISIT TO FACTORY PRODUCTION FACILITIES AND VISUAL MOCK-UPS EXPOSITION

TOMAS MAESTRI I MSc, Production Engineer | Focchi SpA

ALESSANDRO PRACUCCI I MSc, PhD, Innovation Manager | Focchi SpA

# h 17:00 THANKS TO THE GUESTS AND GUIDED TOUR END

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IUSS / DA IDAUP | July 12<sup>h</sup> 2023 | h 14:00 - 18:00 DA, Room A5 / Blended through Go to Meeting

# TOWARDS A CRITICAL APPROACH IN SPATIAL RESEARCH SEMINAR

h 14:00 - 14:15 INTRODUCTION

ELENA DORATO | MSc, PhD, Tenure Track Researcher | DA, University of Ferrara

h 14:15 - 15:00

PROFANING PLAY. EPISTEMOLOGY AND SPATIAL ARTICULATIONS OF AN(OTHER) USE.

J. IGOR FARDIN | MSc, PhDc, Politecnico of Torino

h 15:00 - 15:45

THE EMPTINESS OF SOVEREIGNTY. "FIGURING" THE RELATIONSHIP BETWEEN POWER AND THE PROJECT.

RICHARD LEE PERAGINE | MSc, PhDc, DIST, Politecnico of Torino

#### h 15:45 - 16:00 COFFEE BREAK

#### h 16:00 - 16:45 LIFELINES AND THE POSSIBILITY OF DESTITUENT DESIGN. OPAQUE NOTES ON INCOMPLETENESS AND FAILURE AS METHODS IN URBAN CRISIS RESEARCH.

CAMILLO BOANO | MSc, PhD, Full professor | Politecnico of Torino and Development Planning Unit, UCL

#### h 16:45 - 18:00 CONCLUSION AND DISCUSSION

9th Ferrara International PhD Workshop IDAUP 2023 | July 3rd - 14th, 2023 Scientific Seminar Coordinator | ELENA DORATO (MSc, PhD, Tenure Track Researcher, DA, University of Ferrara)

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# THE RESPONSIVE CITY Smart Buildings, Components and Objects **SEMINAR**

h 9:00 - 9:45

FROM SMART CITY TO SMART CITY 3.0 OR "A RESPONSIVE CITY"

THEO ZAFFAGNINI | MSc, PhD, Associate Professor, DA Deputy Vice-coordinator IDAUP | DA, University of Ferrara

h 9:45 - 10:30

#### FROM SMART DISTRICT TO SMART BUILDING: OPPORTUNITIES AND STRATEGIES FOR THE IMPLEMENTATION OF EXTENDED DIGITAL TWIN FOR USERS' CAPACITY BUILDING

ALESSANDRO PRACUCCI | MSc, PhD, Innovation Manager | Focchi Group

h 10:30 - 10:45 **COFFEE BREAK** 

h 10:45 - 11:30 MART BUILDING TO SMART CONSTRUC TION OBJECT:

### **KEY STUDIES AND TRENDING SCENARIOS ENABLED BY IOT AND AI**

MATTEO GIOVANARDI | MSc, PhD, Innovation Project Manager | Focchi Group

#### h 11:30 - 12:15 SMART OBJECTS IN THE URBAN ENVIRONMENT. AN APPLIED RESEARCH FOR HEALTHIER AND MORE SUSTAINABLE CITIZENS

ILARIA FABBRI | MSc, PhD, Temporary researcher | University of Camerino

#### h 12:15 - 13:00 **QUESTION TIME AND CONCLUSIONS**

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# CRITERIA FOR SPREADING AND EXPLOITING OF RESEARCH RESULTS SEMINAR

h 09:00 - 10:00

INNOVATION IN DOCTORAL TRAINING PROCESSES The indispensability of continuous publicly shared scientific productivity THEO ZAFFAGNINI MSc, PhD, Associate professor | Department of Architecture, University of Ferrara

> h 10:00 - 11:00 HOW TO SURVIVE TO OPEN SCIENCE General principles, writing and dissemination resources

VALENTINA FRIGHI MSc, PhD, Assistant professor | Department of Architecture, University of Ferrara

#### h 11:00 - 12:00 IRIS: THE INSTITUTIONAL REPOSITORY OF RESEARCH PRODUCTS @ UNIFE

EMANUELA DE LUCA Administrative Assistant | Bibliometrics and Databases Office, University of Ferrara

SILVIA LUPI Administrative Assistant | Bibliometrics and Databases Office, University of Ferrara

#### h 12:00 - 13:00 STUDENTS WORKING ACTIVITY

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