



UNIVERSITÀ
DI PISA



Technische
Universität
Braunschweig



UNIVERSITÀ
DEGLI STUDI
FIRENZE

CON IL PATROCINIO DEL



COMUNE DI PORTOFERRAIO

INTERNATIONAL PHD SCHOOL IN CIVIL & ENVIRONMENTAL ENGINEERING

43rd PLENARY MEETING

ELBA ISLAND, 15TH- 16TH JUNE 2023

AUDITORIUM CENTRO CULTURALE DE LAUGIER

VIA S. FRANCESCO, 25 - PORTOFERRAIO

WEBEX MEETINGS:

FOR 15TH JUNE:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=m83d2bb2a2c7bdf39e4adbca002e7e370>

Meeting Number: 2740 654 8143 - Password: EyJU8dBUUp35

FOR 16TH JUNE:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=m34b0e23c7f190ddeea3e09ef639bf361>

Meeting Number: 2741 440 2492 - Password: tGwqXYYb342

THURSDAY JUNE 15TH

LINK WEBEX:

[HTTPS://UNIFIRENZE.WEBEX.COM/UNIFIRENZE/J.PHP?MTID=M83D2BB2A2C7BDF39E4ADBCA002E7E370](https://unifirenze.webex.com/unifirenze/j.php?mtid=M83D2BB2A2C7BDF39E4ADBCA002E7E370)

10:00 Opening of the meeting

*Chair: **Claudio Lubello**, Dean and Director DICEA Università degli studi di Firenze*

***Maria Vittoria Salvetti**, Dean and Director DICI Università degli studi di Pisa*

***Luca Solari**, Coordinator of the Doctoral Program*

***Massimo Losa**, Vice-Coordinator of the Doctoral Program*

***Klaus Thiele**, Technische Universität Braunschweig*

Comune di Portoferraio

10:30 Examination Carlo Vienni

XXXV Cycle - Joint title with TU Braunschweig

“CRM reinforcement of brick masonry walls: Experimental and numerical investigations”

Supervisors: **Maurizio Orlando** and **Luca Salvatori** UNIFI, **Klaus Thiele** TUB

12:00 Private Committee Meeting

12:00 Presentations by enrolled students

*Chair: **Gianni Bartoli**, UNIFI*

- **Francesca Marafini**

XXXVII cycle - Co-tutelle with Universidade do Minho - Portugal (5 min)

- **Melissa Fabiola Yozy Kepadib**

XXXVII cycle - Co-tutelle with NTNU – Norway (5 min)

- **Mahtab Shiravi**

XXXVII cycle - Co-tutelle with NTNU – Norway (5 min)

- **Fengying Wu**

XXXVII cycle - Visiting PhD Student from Tongji University - China (5 min)

- **Gerardo Arcangelo Pacillo**

XXXVI cycle - Joint title with TU Braunschweig - Germany (10 min)

- **Neri Banti**

XXXVI cycle - Co-tutelle with Bialystock Technical University -Poland (10 min)

- **Mathias Helhe**

XXXVII cycle - Visiting PhD Student from TU Braunschweig – Germany (5 min)

- **Daman Mohsen**

XXXVI cycle - Co-tutelle with NUI Galway - Ireland (10 min)

- **Mohammadreza Mohaseb Karimlou**

XXXVII cycle - Co-tutelle with ENSAM – France (5 min)

13:00 Proclamation Carlo Vienni

Chair: Luca Solari

13:15-15:00 Lunch Break

15:00 Presentations by enrolled students

Chair: *Claudio Mannini, UNIFI*

- **Niccolò Bruschi**

XXXVI cycle - Joint title with TU Braunschweig - Germany (10 min)

- **Diego Ignesti**

XXXVII cycle - Co-tutelle with Universität der Bundeswehr München (5 min)

- **Hamid Kazemi Moghadam**

XXXVII cycle - Joint title with TU Braunschweig (5 min)

- **Mohammed Mainul Hossain**

XXXVIII cycle - (5 min)

- **Farshad Rahmani Karkevandi**

XXXVIII cycle - (5 min)

- **Simone Celati**

XXXVII cycle - Co-tutelle with Lund University – Sweden (5 min)

- **Nicolò Guiducci**

XXXVIII cycle - (5 min)

- **Lorenzo Brocchini**

XXXVII cycle - Co-tutelle with Avignon Université - France (5 min)

- **Daniele Conte**

XXXVIII cycle - (5 min)

- **Chenxi Wang**

XXXVIII cycle - (5 min)

- **Isabella Mazzatura**

XXXVI cycle - Co-tutelle with Universitat Politècnica de Catalunya (10 min)

16:30 ACADEMIC BOARD

17:30 End of the Meeting

20:30 Social Dinner at Ristorante “La Bussola”

Spiaggia de Le Chiaie - Via Cairoli n.2, Portoferraio

FRIDAY JUNE 16TH

LINK WEBEX:

[HTTPS://UNIFIRENZE.WEBEX.COM/UNIFIRENZE/J.PHP?MTID=M34B0E23C7F190DDEEA3E09EF639BF361](https://unifirenze.webex.com/unifirenze/j.php?MTID=M34B0E23C7F190DDEEA3E09EF639BF361)

09:00 Examination Neyu Chen

XXXVI Cycle – Visiting PhD Student from Tongji University

“Intelligent evaluation for wind-resistant stability of long-span bridges based on dataset and machine learning”

Supervisors: **Claudio Borri** UNIFI, **Yaojun Ge** Tongji University

10:30 Private Committee Meeting

10:30 Examination Alessandro Mei

XXXV Cycle - Joint title with TU Braunschweig

“Robustness of Automated Rack-supported Warehouses in Fires”

Supervisors: **Maurizio Orlando** and **Luca Salvatori** UNIFI, **Klaus Thiele** TUB

12:00 Private Committee Meeting

12:00 Presentations by enrolled students

Chair: Pietro Capone, UNIFI

- **Andrea Bongini**

XXXVIII cycle - (5 min)

- **Alessandro Conti**

XXXVIII cycle - (5 min)

- **Alessandro Bruttini**

XXXVI cycle - Co-tutelle with RUHR-Universität Bochum - Germany (10 min)

- **Tommaso Sorbi**

XXXVI cycle - Co-tutelle with Teesside University - UK (10 min)

- **Irene Cortesi**

XXXVI Cycle - Co-tutelle with TU Wien - Austria (10 min)

- **Riccardo Angelini**

XXXVII cycle - Co-tutelle with Universitat Politècnica de Catalunya – Spain (5 min)

- **Federica Del Carlo**

XXXVII cycle - Co-tutelle with Universitat Politècnica de Catalunya – Spain (5 min)

12:45 Proclamation Neyu Chen and Alessandro Mei

Chair: Claudio Borri, UNIFI

13:00-14:30 Lunch Break

14:30 Presentations by enrolled students

Chair: Enrica Caporali, UNIFI

- **Mirco Mancini**

XXXVII cycle - Co-tutelle with Universitat de Girona – Spain (5 min)

- **Daniele Martuscelli**

XXXVII cycle – Co-tutelle with University of Copenhagen – Danmark (5 min)

- **Ayalew Shura Kasa**

XXXVIII cycle - (5 min)

- **Marco De Simone**

XXXVII cycle - Co-tutelle with Universitat Politècnica de València - Spain (5 min)

- **Tommaso Giordano**

XXXVIII cycle - (5 min)

- **Alemayehu Shanko**

XXXVIII cycle - (5 min)

- **Jerome El Jeitany**

XXXVII cycle - Joint title with TU Braunschweig - Germany (5 min)

- **Gabriele Bertoli**

XXXVIII cycle - (5 min)

- **Giorgia Notari**

XXXVII cycle - Co-tutelle with Universitat Autònoma de Barcelona – Spain (5 min)

- **Stefano Dugheri**

XXXVII cycle - University of Silesia in Katowice – Poland (5 min)

- **Marta Di Bianca**

XXXVIII cycle - (5 min)

- **Daniele Sartirano**

XXXVIII cycle - (5 min)

15:30 Presentations by enrolled students

Chair: Lorenzo Cappietti, UNIFI

- **Zihan Liu**

XXXVI cycle - Joint title with TU Braunschweig - Germany (10 min)

- **Nisa Bahadıroğlu**

XXXVIII cycle - Incoming PhD Student from Izmir Institute of Technology (Turkey) - (5 min)

- **Jan Pietro Czellnik**

XXXVII cycle - Co-tutelle with Universitat Autònoma de Barcelona – Spain (5 min)

- **Stefano Fiaschi**

XXXVII cycle - Co-tutelle with Universitat Autònoma de Barcelona – Spain (5 min)

- **Francesca Tuci**

XXXVII cycle - Co-tutelle with Universitat Politècnica de Catalunya – Spain (5 min)

- **Serena Falcioni**

XXXVII cycle - Co-tutelle with Universitat Autònoma de Barcelona – Spain (5 min)

- **Alex Ricoveri**

XXXVII cycle - Co-tutelle with Universitat Autònoma de Barcelona – Spain (5 min)

16:30 End of the Meeting