



UNIVERSITÀ
DI PISA



Technische
Universität
Braunschweig



UNIVERSITÀ
DEGLI STUDI
FIRENZE

INTERNATIONAL PHD SCHOOL IN CIVIL & ENVIRONMENTAL ENGINEERING

40th PLENARY MEETING

BACK TO OUR ORIGINS TO DESIGN A SUSTAINABLE FUTURE

FLORENCE, 27th- 29th OCTOBER 2021
SCHOOL OF ENGINEERING, SALA CAMINETTO, VIA S.MARTA 3

WEBEX MEETINGS:

For 27th October:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=mf057dd3c405477841ca9298bf6930f8c>

For 28th October:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=m66384cf64ac4929beab9916beaa24784>

For 29th October:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=mdd56d9730d54afce5226ada24fd0e5a2>

In cooperation with:



Wednesday 27th October, 2021

Webex:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=mf057dd3c405477841ca9298bf6930f8c>

09:00 Opening of the meeting

Chair: Claudio Borri, Udo Peil, Luca Solari and Klaus Thiele

09:30 Examination Bernardo Nicese

XXXIII Cycle – Co-tutelle with TU Braunschweig

“Influence of cross-section details on vortex-induced vibrations of bridge decks: experiments and modelling”

Live streaming on YouTube: <https://youtu.be/QfGX35Klt7k>

11:00 Private Committee Meeting

11:00 Examination Lorenzo Lotti

XXXIII Cycle

“Innovative Technologies In Non-Invasive Urodynamics Diagnostic”

Live streaming on YouTube: <https://youtu.be/xVVOb02UjuM>

12:30 Private Committee Meeting

12:30 Presentations by students with Co-Tutelle with TU Braunschweig XXXIV Cycle

(30 min each, 5 min for questions)

Chair: Klaus Thiele

- Michela Torti

- Nicholas Fiorentini

13:45-14:30 Lunch Break

14:30 Examination Claudio Pagani

XXXIII Cycle – Co-tutelle with Czech Technical University in Prague

“Modeling of Masonry Structures at Multiple Scales”

Live streaming on YouTube: https://youtu.be/KL_RzZ_xgpg

16:00 Private Committee Meeting

16:00 Presentations by students with Co-Tutelle with other partner universities XXXIV Cycle

(30 min each, 5 min for questions)

Chair: Riccardo Barsotti

- Niccolò Barni – Cotutelle with Norwegian University of Science and Technology Trondheim – Norway

- Francesco Barsi – Cotutelle with Université Paris Est – France

- Lorenzo Baldi - Cotutelle with Czech Technical University – Prague – Czech Republic

17:45 Proclamation Bernardo Nicese, Lorenzo Lotti and Claudio Pagani

Chair: Udo Peil

Live streaming on YouTube: <https://youtu.be/FwQ06CJOclo>

18:15 End of the Meeting

Thursday 28th October, 2021

Webex:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=m66384cf64ac4929beab9916beaa24784>

09:00 Examination Lorenzo Innocenti

XXXIII Cycle – Co-tutelle with TU Braunschweig

"Large Wood dynamics in sharp river bends: experimental and numerical investigations"

Live streaming on YouTube: <https://youtu.be/pfYUPB1MZxY>

10:30 Private Committee Meeting

10:30 Presentations by students with Co-Tutelle with other partner universities XXXIV Cycle

(30 min each, 5 min for questions)

Chair: Enrica Caporali

- **Valeria Croce** – Cotutelle with ENSAM ParisTech Aix-en-Provence – France
- **Paolo Filippucci** – Cotutelle with Technical University Wien – Austria
- **Marco Lompi** – Cotutelle with Universidad Politécnica de Madrid – Spain
- **Matteo Pampaloni** – Cotutelle with Universidad Politécnica de Madrid – Spain
- **Benedetta Pagliaccia** – Cotutelle with INSA Toulouse – France

13:30-14:30 Lunch break

14:30 Examination Francisco Febronio Peña Guerra

XXXII Cycle – Co-tutelle with Florida International University

"Integrating compound flood conditions through 2D hydraulic modeling for simulating flood risk processes in coastal cities"

Live streaming on YouTube: https://youtu.be/00B6_XVAci0

16:00 Private Committee Meeting

16:00 Presentations by students with Co-Tutelle with other partner universities XXXIV Cycle

(30 min each, 5 min for questions)

Chair: Enzo Marino

- **Sara Modanesi** – Cotutelle with KU Leuven – Belgium
- **Andrea Paliotto** – Cotutelle with Technical University of Darmstadt – Germany
- **Giulio Ferri** – Cotutelle with RUHR-Universität Bochum – Germany
- **Gemma Mannarino** – Cotutelle with Universidad Autonoma de Madrid - Spain

18:15 Proclamation Lorenzo Innocenti and Francisco Febronio Peña Guerra

Chair: Claudio Borri

Live streaming on YouTube: <https://youtu.be/oB70fpEIUFg>

18:30 End of the Meeting

Friday 29th October, 2021

Webex:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=mdd56d9730d54afce5226ada24fd0e5a2>

09:00 20 years of PhD program: memories and perspectives from the Alumni

Chair: Claudio Borri and Udo Peil

Stefano Cannicci, Delegate of the Rector Unifi for Doctoral Programs

Claudio Lubello, Director of DICEA Unifi

Klaus Thiele, Director Instituts für Stahlbau TU Braunschweig

Alumni (in alphabetical order): Chiara Arrighi, Simone Fatichi, Marco Giometto, Francesca Lupi, Enzo Marino, Timm Pliefke, Chiara Pozzuoli, Paola Simioni.

Live streaming on YouTube: <https://youtu.be/u3nix6eVg2A>

11:30 Presentations by students with TU Braunschweig XXXV Cycle

(10 min plus 5 min for questions)

Chair: Klaus Thiele

- **Giada Artini** - Co-tutelle with TU Braunschweig - Germany
- **Alessandro Mei** - Co-tutelle with TU Braunschweig - Germany
- **Carlo Vienni** - Co-tutelle with TU Braunschweig - Germany

12:15 Presentations by students with other partners XXXV Cycle

(10 min plus 5 min for questions)

Chair: Johann Facciorusso

- **Antonella Cosentino** - Co-tutelle with Gent University - Belgium
- **Gonzalo De Léon** - Co-tutelle with Université de Nantes – France
- **Andrea Geppetti** - Co-tutelle with RUHR-Universität Bochum – Germany
- **Eugenio Pellis** - Co-tutelle with Université de Strasbourg – France
- **Fernando J. Ávila Cruces** - Visiting PhD Student from Universidad de Granada

13:30-14:30 Lunch break

14:30 Presentations by students XXXVI Cycle (5 min each)

Chair: Udo Peil and Claudio Borri

- **Neyu Chen** - Visiting PhD Student from Tongji University, China
- **Neri Banti** - Co-tutelle with Bialystock Technical University
- **Niccolo' Bruschi** - Co-tutelle with TU Braunschweig – Germany
- **Alessandro Bruttini** - Co-tutelle with RUHR-Universität Bochum – Germany
- **Daman Mohsen** - Co-Tutelle to be defined
- **Zihan Liu** - Co-tutelle with TU Braunschweig – Germany
- **Isabella Mazzatura** - Co-tutelle with Universitat Politècnica de Catalunya
- **Gerardo Arcangelo Pacillo** - Co-tutelle with TU Braunschweig – Germany
- **Tommaso Sorbi** - Co-tutelle with Teesside University – UK
- **Irene Cortesi** - Co-tutelle with University of the Aegean - Greece

15:30 End of the Meeting