



46^o PLENARY MEETING INDICEE

28th October 2024, Pisa, School of Engineering Unipi

29th October 2024, Florence, School of Engineering Unifi

28
October
2025

Location:

Aula Pacinotti, Polo A,
Largo L. Lazzarino, 1
Pisa

Link meet:

<https://meet.google.com/zrc-xctc-rgw>

Please check
the **book of abstracts**
of our candidates here

PROGRAM

09:30 *WELCOME GREETINGS*

10:00 PRESENTATIONS BY ENROLLED PHD STUDENTS

**Session A1 - TRANSPORTATION INFRASTRUCTURES
AND MATERIALS**

11:30 COFFEE BREAK

12:00 PRESENTATIONS BY ENROLLED PHD STUDENTS

**Session A2 - RELIABILITY OF STRUCTURES AND
INFRASTRUCTURES AGAINST NATURAL HAZARDS**

13:00 *LUNCH BREAK* (Aula Riunione Sede Vie e
Trasporti)

14:00 PRESENTATION OF THE **NEWLY ENROLLED PHD
STUDENT XLI CYCLE**

14:30 PRESENTATIONS BY ENROLLED PHD STUDENTS

Session A3 - STRUCTURAL MECHANICS

16:00 **Session A4 - INSIGHT ON THE CONSERVATION
OF CULTURAL HERITAGE**

17:30 END OF THE MEETING

SESSION A1 - TRANSPORTATION INFRASTRUCTURES AND MATERIALS

28/10/2025 H 10,00-11,30 AULA PACINOTTI

Chair: Dr. Chiara Riccardi, PhD

- Daniele Conte (XXXVIII) 15min
- Chenxi Wang (XXXVIII) 15min
- Giannelli Roberto (XXXIX) 12min
- Sakanlou Farhad (XXXIX) 12min
- Luddi Maria Giulia (XXXIX) 12min
- Dong Hongjun (XL) 10min

SESSION A2 - RELIABILITY OF STRUCTURES AND INFRASTRUCTURES AGAINST NATURAL HAZARDS

28/10/2025 H 12,00-13,00 AULA PACINOTTI

Chair: Dr. Agnese Natali, PhD

- Alireza Duzandeh (XXXIX) 12min
- Giulia Pierotti (XXXIX) 12min
- Costanza Guarducci (XL) 10min
- Hamza Tahat (XL) 10min
- Saverio Zingarelli (XL) 10min

SESSION A3 - STRUCTURAL MECHANICS

28/10/2025 H 14,30-16,00 AULA PACINOTTI

Chair: Dr. Roberto Alessi, PhD, & Dr. Marco Picchi Scardaoni, PhD

- Farshad Rahmani Karkevandi (XXXVIII) 15min
- Nicolò Guiducci (XXXVIII) 15min
- Yasaman Salahshour (XXXIX) 12min
- Michele Coppedè (XXXIX) 12min
- Paolo Pagni (XL) 10min
- Alessandro Montanino (XL) 10min

SESSION A4 - INSIGHT ON THE CONSERVATION OF CULTURAL HERITAGE

28/10/2025 H 16,00-17,30 AULA PACINOTTI

Chair: Dr. Filippo Landi, PhD

- Andrea Bongini (XXXVIII) 15min
- Dario Billi (XXXIX) 12min
- Martina Colapietro (XXXIX) 12min
- Saghar Jamshidiaval (XXXIX) 12min
- Francesca Meligeni (XXXIX) 12 min

29
October
2025

Location:

Aula Caminetto,
Via S.Marta 3
Firenze

Link meet:

<https://meet.google.com/zxi-vcan-fjf>

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PROGRAM

8:30 **PREDEFENSES XXXVII Cycle**

11:45 *COFFEE BREAK*

12:00 PRESENTATIONS BY ENROLLED PHD STUDENTS

**Session B1 - RIVER/COASTAL DYNAMICS AND
POLLUTION**

13:15 *LUNCH BREAK*

14:30 PRESENTATIONS BY ENROLLED PHD STUDENTS

Session B2 - SUSTAINABLE WASTEWATER TREATMENT

15:30 **Session B3 – MULTI-RISK AND NATURE BASED
SOLUTIONS**

17:00 *COFFEE BREAK*

17:30 Academic Board - reserved to the members

20:00 *SOCIAL DINNER*

PREDEFENSES XXXVII Cycle PON

29/10/2025 H 8,30-12,00 AULA CAMINETTO

Chair: Luca Solari

8.30 **Mahtab Shiravi** - Double title with **NTNU**

"Multi-risk Analysis of Wind and Rain on Trees in Urban Environments"

Supervisors: Gianni Bartoli, Unifi, and Ivan Depina, NTNU

9.05 **Jan Pietro Czellnik** - Double title with **UAB**

"Developing Granular Sludge Technologies for the Transition to Biorefineries of Municipal Wastewater Treatment Plants"

Supervisors: Tommaso Lotti, Unifi, and Julio Pérez, UAB

9.40 **Melissa Yozy Kepdib** - Double title with **NTNU**

"The Use of Low Enthalpy Geothermal Energy through the Installation of Micropiles"

Supervisors: Claudia Madiari and Johann Antonio Facciorusso, Unifi, and Rao Martand Singh, NTNU

10.15 **Riccardo Angelini** - Double title with **UPC**

"Coastal Environment Monitoring through Satellite, Terrestrial, and Airborne Remote Sensing"

Supervisors: Andrea Masiero and Francesco Mugnai, Unifi, and Francesca Ribas and Guido Luzi, UPC

10.50 **Stefano Fiaschi** - Double title with **UAB**

"Optimisation of municipal solid waste collection to enhance materials recovery"

Supervisors: Claudio Lubello, Unifi, and Laura Talens Peiró, UAB

11.25 **Alex Ricoveri** - Double title with **UAB**

"Biological treatment of synthetic hypersaline wastewater by conventional sequencing batch reactor (SBR) and integrated fixed film activated sludge reactor (SBR-IFAS)"

Supervisors: Giulio Munz, Unifi, and David Gabriel Buguña, UAB

SESSION B1 - RIVER/COASTAL DYNAMICS AND POLLUTION

29/10/2025 H 12,00-13,15 AULA CAMINETTO

Chair: Dr. Marco Lompi, PhD & Dr. Irene Simonetti, PhD

- Nisa Bahadiroğlu (XXXVIII) 15min
- Ayalew Shura Kasa (XXXVIII) 15min
- Rebecca Agati (XXXIX) 12min
- Shoaib Ameer (XXXIX) 12min
- Amanda Zannella (XXXIX) 12min

SESSION B2 – SUSTAINABLE WASTEWATER TREATMENT

29/10/2025 H 14,30-15,30 AULA CAMINETTO

Chair: Dr. Lorenzo Innocenti, PhD & Dr. Benedetta Pagliaccia, PhD

- Marta Di Bianca (XXXVIII) 15min
- Daniele Sartirano (XXXVIII) 15min
- Alessandro Alberti (XL) 10min

SESSION B3 - MULTI-RISK AND NATURE BASED SOLUTIONS

29/10/2025 H 15,30-17,00 AULA CAMINETTO

Chair: Dr. Marco Lompi, PhD & Dr. Irene Simonetti, PhD

- Alemayehu Shanko (XXXVIII) 15min
- Tommaso Giordano (XXXVIII) 15min
- Gabriele Bertoli (XXXVIII) 15min
- Noemi Mannucci (XXXIX) 12min
- Moradimirabadi Reza (XL) 10min