



08:30 Welcome and registration

09:00 Opening

Prof. Alexander Van Geen – Lamont-Doherty – Earth Observatory, Columbia University

09:15 *Mapping ancient valley networks using millions of arsenic well tests across the Ganges–Brahmaputra–Meghna Delta: Implications for mitigating arsenic-related mortality*

10:00 **Dr. Vânia Baptista** – CCMAR – Centro de Ciências do Mar do Algarve
Studying fish larvae across contrasting research sceneries: challenges, opportunities and lessons from São Tomé

10:45 Coffee Break & Poster Session

11:30 PhD Student presentations

12:30 Lunch Break & Poster Session

Dr. Laura Garzoli – IRSA-Water Research Institute | CNR
Fungi in aquatic ecosystems: diversity, functions, and biotechnological applications

13:45 **Dr. Piergiuliano Bugada**– Egierre Industries
The drug substance journey: From bench to industrial production. Phases, challenges and regulations in the drug life cycle.

15:15 Break

15:30 PhD Student presentations

16:30 Closing remarks



**6th November
2026**



**Aula Sironi
Piazza della
Scienza, Milano
20126**



Dottorato in
**SCIENZE
CHIMICHE
GEOLOGICHE
AMBIENTALI**





PhD Students Presentations

Morning session:

11:30

Giulia Frigerio – GEO

Characterization of the main dust layers in the ADA270 ice core as a tool for chronology, with regards to the long-distance transport

11:45

Carolina Longa – GEO

Journey to the Centre of the Earth. Exploring the fate of sulphur under the extreme conditions of Earth's deep interior

12:00

Matilda Porro – MTM

Interactions of PLA microplastics with Schmidtea mediterranea

12:15

Graziella Pupillo – MTM

*FOCA NON FOCA: Tracing the Mediterranean monk seal (*Monachus monachus*; Hermann, 1779) in offshore waters*

Afternoon session:

15:30

Claudia Russo – AMB

*Plant-bacteria interactions mediated by vola-les shape root growth in *Brassica juncea* (L.) Czern.*

15:45

Emilio Brivio Sforza – AMB

Microalgal-based carbon encapsulated iron nanoparticles as novel adsorbents for PFAS removal: from dye proxies to target compounds

16:00

Alessandro Bani – CHEM

May a single atom save the world? Emerging Strategies for Sustainable Ammonia Production

16:15

Sehar Tasneem – CHEM

Design Synthesis and evaluation of MOK kinase inhibitors to treat neuroinflammation