



## PROGRAM

**9:30 – 10:00**    **Welcome to participants and registration**

**10:00 – 10:10**    **Welcome speech and presentation of the workshop**

Agnieszka Stefaniak-Hrycko (Director of PAS Scientific Center in Rome)

Giorgio Matteucci (Director IBE-CNR, on behalf of Dr Sabato D'Auria, Director DISBA CNR)

Tomasz Jurczak (Head of the UNESCO Chair on Ecohydrology and Applied Ecology, University of Łódź)

Francesco Petracchini (Acting Director DSSTTA Department CNR)

Massimo Zacchini (IRET-CNR)

**SCIENTIFIC SESSION PART 1 | 10:30 – 11:30**

**Moderators:** Magdalena Urbaniak (ERCE-PAS) and Francesco Secundo (SCITEC-CNR)

**Soil and plant microbiomes under changing environments**

Magdalena Frąc (Institute of Agrophysics, PAS)

**Collaboration between Poland and Italy in the framework of the UNESCO Ecohydrology Programme: From Demonstration Sites to Laboratory Networks**

Stefano Fazi (IRSA-CNR)

**Building advanced nature-based solutions for pollutant removal and enhancing ecosystem resilience**

Paweł Jarosiewicz (ERCE-PAS)

**Functional traits analysis of filamentous fungi implemented with phenotype microarrays**

Flavia Pinzari (ISB-CNR)

**11:30 – 12:00**    **Coffee break**

**SCIENTIFIC SESSION PART 2 | 12:00 – 13:15**

**Moderators:** Flavia Pinzari (ISB-CNR) and Paweł Jarosiewicz (ERCE-PAS)

**Plant-bacteria partnership for effective xenobiotics removal**

Magdalena Urbaniak (ERCE-PAS)

**A real-time and non-destructive tool to assess the ecotoxicological effects of emerging pollutants on plants**

Fabrizio Pietrini (IRET-CNR)

***Cladophora glomerata* biowaste hydrolysates as a source for mixotrophic *Nostoc commune* preparations employed as biostimulants for radish growth and as biosorbent**

Izabela Michalak (Wrocław University of Science and Technology)

**Mixotrophic growth of microalgae and cyanobacteria and effects on their fatty acids profile**

Francesco Secundo (SCITEC-CNR)

**Beneficial microbes and microbial biopreparations improving soil fertility and quality of horticultural crops**

Lidia Sas-Paszt (The National Institute of Horticultural Research)

**13:15 – 14:25**    **Lunch break**





## PROGRAM

### AFTERNOON SESSION | 14:25 - 16:30

**14:25 - 14:30**    **Afternoon programme introduction**

Stefano Fazi (IRSA-CNR)

**14:30 - 15:00**    **Keynote**

Tomasz Jurczak (Head of the UNESCO Chair on Ecohydrology and Applied Ecology, University of Łódź)

**15:00 - 15:30**    **Keynote**

Giorgio Matteucci (Director IBE-CNR)

**15:30 - 16:30**    **Round table**

Research interactions and funding opportunities for improving the scientific relationships between Polish and Italian researchers on: *Nature based Solutions for sustainable agriculture and ecosystem health*

Participants:

Agnieszka Stefaniak-Hrycko (Director of PAS Scientific Center in Rome)

Tomasz Jurczak (Head of the UNESCO Chair of Ecohydrology and Applied Ecology, University of Łódź)

Magdalena Frąc (Institute of Agrophysics, PAS)

Massimo Spadoni (Responsible European Relationships Office of CNR)

Giorgio Matteucci (Director IBE-CNR, LTER Europe)

Giuseppe Scarascia-Mugnozza (University of Tuscia, European Forest Institute)

**16:30**

**Closing remarks**