# PRORITY 2<sup>nd</sup> STSNs Workshop 20 June 2023

Central Europe Summer Time

PROGRAM

r	Tuesday, 20 June 2023
14:00 - 14:10	Welcome and Introduction Stefania Federici, Aleksandra Tubić
14:10 – 14:20	Presentation of STSMs Nicolas Keller, PRIORITY Grant Awarding Coordinator
	Host Institutions – STSM grantees presentations
14:20 – 15:30	Nanna Hartmann (DTU, Denmark) Olga Novillo Sanjuan (Spain) Milica Velimirovic (VITO, Belgium) Nina Maria Ainali (Greece) Amedeo Amedei (University of Florence, Italy) Nur Kaluc (Turkey) Alvise Vianello (Aalborg University, Denmark)
	Andrea Paluselli (Italy)
15:30 – 15:45	
15:30 – 15:45 15:45 – 17:20	Andrea Paluselli (Italy)

ATION

IN SCIENCE & TECHNOLOG

This event is based upon work from COST Action CA20101 PRIORITY, supported by COST (European Cooperation in Science and Technology).

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# 2<sup>nd</sup> STSMs Workshop

## **Tuesday, 20 June 2023**

### **STSM Host delegate** STSM grantee

Nanna Hartmann (DTU, Denmark) Olga Novillo Sanjuan (Spain)

Milica Velimirovic (VITO, Belgium) Nina Maria Ainali (Greece)

Amedeo Amedei (University of Florence, Italy) Nur Kaluc (Turkey)

**Alvise Vianello (Aalborg University, Denmark)** Andrea Paluselli (Italy)

**Roberto Pilot (University of Padova, Italy)** Ioana Marica (Romania)

Saija Saarni (Turky University, Finland) Inta Dimante-Deimantovica (Latvia)

Javier Hernández-Borges (University of La Laguna, Canary Islands) Areti Kokkinomagoula (Greece)

Ivan Ristic (University of Novi Sad, Serbia) Alexia Balla (Hungary)

Francesca Modugno (University of Pisa, Italy) Lúcia Santos (Spain)

#### STSM Title

Detection, identification and experimental studies about micro- and nano- plastics in the natural environment

Testing analytical methods for low µm range microplastics (spICP-MS) and nanoplastics (FFF-UV-MALS)

Investigating Sub-Chronic Toxicity of Polyethylene Terephthalate Nanoplastics on Mice

**Microplastic vertical fluxes in the Arctic** 

Surface-enhanced Raman Spectroscopy of nanoplastics on nanostructured plasmonic substrates

Sampling and preparing microplastic samples from long sediment cores

**Isolation and characterization of microplastics** from wastewater

Determine chemical composition of the deposited microplastic items in the sediments of the Tisza River

Analysis of microplastics and plastic additives in environmental samples using pyrolysis-GC/MS





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