

AUTUMN SCHOOL – November 18th-20th, 2025, MADRID, SPAIN

ONE-BLUE AUTUMN SCHOOL

Place: La Cristalera (km, M-611, 10, 28792
Miraflores de la Sierra, Madrid)



Tuesday 18 th of November			
Start time	End time	Topic	Presenter
17:30	17:45	Welcome	Prof. Marinella Farré (IDAEA-CSIC) and Dr. Marta Llorca (IDAEA-CSIC)
17:45	18:00	Short introduction to ONE-BLUE project	Prof. Marinella Farré (IDAEA-CSIC)
18:00	18:15	Initial QUIZ	Dr. Marta Llorca (FINNOVA)
18:15	19:15	Chemical Pollution Regulation on Sea Water	Dr. Stefano Polesello (CNR-IRSA)
19:30	21:00	Dinner	

Wednesday 19 th of November			
Start time	End time	Topic	Presenter
09:00	10:00	Suspect and nontarget analysis to identify organic contaminants in the environment	Prof. Anna Kärrman (ORU)
10:00	11:00	Detecting (Dissolved) organic molecules in the ocean	Prof. Boris Koch (AWI)
11:00	11:30	Coffee break	
11:30	12:30	Advancing Environmental Hazard Assessment through Effect-Based and Effect-Directed Analyses and the Development of New Approach Methods (NAMs) (online)	Dr. Maria Larsson (ORU) AND Prof. Magnus Engwall (ORU)
12:30	13:30	Tiny Giants: how microbes rule the ocean	Dr. Montse Sala (ICM-CSIC)
13:30	14:30	Lunch	
14:30	15:30	Oceans on the edge: climate change, acidification, and the race for solutions	Prof. Carles Pelejero (ICM-CSIC)
15:30	16:30	Grasping the invisible ocean life with omics: some new answers to old questions	Dr. Ramiro Logares (ICM-CSIC)
16:30	17:30	Chemical analysis of CECs: sample preparation for chemical analysis or semi-quantification based on data from chromatography coupled to high-resolution mass spectrometry	Prof. Marinella Farré (IDAEA-CSIC)
17:30	18:30	Monitoring system based on Raman- and SERS-on-a-chip strategies	Dr. Laura Rodriguez-Lorenzo (INL)
20:00	21:00	Dinner	

Thursday 20 th of November			
Start time	End time	Topic	Presenter
09:00	10:00	General concepts of hydrodynamics and acoustics in lab-on-a chip devices	Dr. Itziar González (ITEFI-CSIC)
10:00	11:00	Communication systems in remote areas (like buoys in the Mediterranean) (online)	Dr. Nikos Antoniou (Cyric)
11:00	11:30	Coffee break	
11:30	12:30	Crafting Microfluidic Lab-on-Chip: From Idea to Implementation Possible hands on microfluidic flow control and setup for particle separation kit	Prof. Marinella Farré (IDAEA-CSIC)
12:30	13:30	Management of European projects and different types of projects, Horizon, Life, etc.	Patricia Cavanillas (FINNOVA)
13:30	14:30	Lunch	
14:30	15:15	Research ethics and FAIR DATA	Dr. Anne Morrissey (DCU) and Dr. Marta Llorca (IDAEA-CSIC)
15:15	15:30	Final QUIZ	Dr. Marta Llorca and Dr. Victoria Osorio (IDAEA-CSIC)
15:30	17:30	Study Case	Dr. Marta Llorca (IDAEA-CSIC), Dr. Montse Sala (ICM-CSIC), Prof. Marinella Farré (IDAEA-CSIC) and Dr. Victoria Osorio (IDAEA-CSIC)

Registration fees: 350 € per student (includes accommodation and all meals).

Please register [here](#) and send an email confirmation to: clara.sierra@cid.csic.es and nicole.vargas@finnova.eu

With the participation of:

