

52ND EUROPEAN ENVIRONMENTAL MUTAGENESIS AND GENOMICS SOCIETY MEETING & 15TH INTERNATIONAL COMET ASSAY WORKSHOP



15TH ICAW PROGRAMME:

WEDNESDAY 25.9.2024.

Afternoon session

Opening

A.R. Collins – Measuring DNA damage and repair; a retrospective

A. Azqueta – The comet assay to measure different DNA lesions

S. Knasmüller – Search for the best genotoxicity test

THURSDAY 26.9.2024.

Two morning sessions, a programme to be determined (confirmed speakers: S. Langie, M.S. Cooke, A.K. Hardie Olsen, M. Mišik)

FRIDAY 27.9.2024.

Hands-on Workshop

15TH INTERNATIONAL COMET ASSAY WORKSHOP



CENTRE FOR MARINE RESEARCH,
RUDER BOŠKOVIĆ
INSTITUTE,
G. PALIAGE 5,
ROVINJ

WORKSHOP
TIMING:
9 AM – 5 PM

SEPTEMBER 27,
2024

HANDS-ON LECTURERS:

MIRTA SMODLAKA
TANKOVIĆ

ANA BARIČEVIĆ

DANIJELA MARIĆ
PFANNKUCHEN

MARTIN
PFANNKUCHEN

MARINA TENÓRIO
BOTELHO

GORAN GAJSKI

TOPICS COVERED:



MORNING SESSION

MARINE SAMPLING USING A RESEARCH BOAT:

- METADATA GATHERING
- USE OF CTD INSTRUMENT
- PLANKTON SAMPLING
- DIFFERENT DEPTH SAMPLING
- SEDIMENT SAMPLING
- MICROPLASTICS SAMPLING



AFTERNOON SESSION

SAMPLE ANALYSES:

- FILTRATION FOR METABARCODING AND METATRANSCRIPTOMICS
- DNA ISOLATION
- MICROSCOPY
- FLOW CYTOMETRY
- PREPARATION OF SAMPLES FOR THE COMET ASSAY

THE HANDS-ON TRAINING WILL BE PROVIDED FOR 30 PARTICIPANTS WHILE PHD STUDENTS AND POST-DOCS WILL HAVE PRIORITY IN PARTICIPANTS SELECTION.