



## International Workshop - JERICO-Next (H2020)

### Current advances in the application of (semi-)automated techniques for studying phytoplankton dynamics in coastal and marine waters

#### May 31th - PLENARY SESSION (open to all)

13:30

Welcome by the LOG laboratory (F. Schmitt)

Presentation of the JERICO-Next network (H2020) project (Ingrid Puillat)

The JERICO-Next approach for phytoplankton coastal observation (WP2.4.2, WP3.1 and WP4.1 and connexions to other WPs and tasks) - (J. Seppälä, F. Artigas & B. Karlson)

14:00 – 16:00 – MREN Conference room

(Semi-)Automated methods for the study of marine phytoplankton (invited talks)

- **Image-in-flow acquisition and analysis** (Ph. Grosjean/ M. Brosnahan)
- **Automated Pulse-shape recording Flow Cytometry** (G. Grégori/M. Thyssen)
- **Multispectral Fluorometry/spectrophotometry** (J. Seppälä/J. Wolschläger)
- **Variable/Induced Fluorometry** (J. Kromkamp/E. Lawrenz)

16:00 – 16:30

Coffee break

16:30 – 19:00 - MREN Conference room

Short presentations of the approach and main results of recent and/or current projects :

- JERICO (L. Delauney)
- Baltic projects (J. Seppälä)
- Scandinavian straits projects (B. Karlson)
- PROTOOL project (J. Kromkamp)
- DYMAPHY project (L.F. Artigas)
- North Sea UK projects (V. Créach)
- North Sea Dutch projects (M. Rijkeboer)
- North Sea Belgian projects (L. Tyberghein)
- Biological data integration and management (L. Tyberghein)
- Evaluation of the added value of novel monitoring strategies (A. Blauw)
- Integrative monitoring: REPHY/SRN – Channel Cruises - MARCO (A. Lefebvre)
- *In situ* flow cytometry and modelling – Western Mediterranean (M. Dugenne)
- New flow cytometry data Management method (S. Lahbib)
- Fast Cam project (L. Delauney)
- CytoBuoy *in situ* measurement (G. Dubelaar)