

SEAWEED IMAGING AND CELL BIOLOGY WORKSHOP AND TRAINING SCHOOL



November 12 - 16, 2018
Station Biologique, Roscoff,
France

WORKSHOP:

“Imaging seaweed cells and tissues”

12-13 November 2018

max. 90 participants

TRAINING SCHOOL:

“State-of-the-art techniques for imaging cell and tissues of macroalgae”

14-15-16 November 2018

max. 12 participants



SPEAKERS

David Domozych Skidmore Microscopy Imaging Center, Biology Department, Saratoga Springs, USA	Fifty shades of green: the secret life of a charophyte The cell walls of photosynthetic eukaryotes: common themes but mysteries galore.
Benedicte Charrier SBR, France	Vesicle trafficking dynamics in brown algae: setting up FRAP in Ectocarpus
Chikako Nagasato Murooran Marine Station, Hokkaido University, Japan	Plasmodesmata in brown algae: structure and macromolecular transportation
Clément Laigle Leica Co.	Light Sheet microscopy
Philippe Andrey Institut Jean-Pierre Bourgin, UMR1318 INRA - AgroParis Tech	Image analysis
Nadine Peireyras BIOEMERGENCE Lab	3D and 4D imaging in marine metazoa embryos
Analisa Falace University of Trieste, Italy	Scanning electron microscopy for the study of Coralline algae
Christos Katsaros Department of Biology, University of Athens, Greece	Cell division in brown algae: More than 40 years of research
Frithjof C. Küpper School of Biological Sciences, University of Aberdeen	Nano X-ray fluorescence tomography (SR-nXRF) for imaging element distribution at the subcellular level in algae
Hervé Rabillé SBR, France	Mapping dynamic cell expansion
D. Saint-Marcoux University Saint-Etienne, France	Laser capture dissection in macroalgae
Cécile Hervé SBR, France	Cell wall biology: immunolocalisation of polysaccharides using specific probes
Kenny Bogaert Department of Biology, Ghent University, Belgium	Maternal determination of the direction of the polarization vector in the egg of the brown alga Dictyota and implications of cell polarization
Bernard Kloareg SBR, France	EMBRC and ASSEMBLE plus: European instruments to access the marine laboratories in Europe

For more information please see the Phycomorph website

www.phycomorph.org

contact:

Christos.katsaros@biol.uoa.gr

benedicte.charrier@sb-roscoff.fr

Venue of the workshop:
Conference room SBR
www.sb-roscoff.fr



CNRS UPMC
Station Biologique
Roscoff

The meeting is organized by:
Christos Katsaros,
Sophie Le Panse and
Bénédicte Charrier

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