



# 8<sup>th</sup> International Symposium on Gas Transfer at Water Surfaces

19 May – 22 May 2020, Plymouth Marine Laboratory, UK

**REGISTRATION: [www.pml.ac.uk/GTWS2020](http://www.pml.ac.uk/GTWS2020) - early bird closes Nov. 15<sup>th</sup>!!!**

## FOCUS

Physicochemical and biogeochemical processes that govern atmosphere-water gas exchange and fluxes → including turbulence, shear, breaking waves, bubbles and natural and anthropogenic surfactants.

## TOPICS

Including field observations, laboratory and numerical studies, near-surface processes, biological effects including surfactants, the micro-layer, remote sensing, global scale processes and many more.

## SUPPORT

Reduced registration fees (students & developing countries)  
With thanks to our sponsors - some financial support (early career scientists & women in science)

## KEYNOTE SPEAKERS:



**Sally McIntyre**, University of California, USA:  
*Freshwater gas exchange: Amazon to the Arctic*



**Christa Marandino**, GEOMAR, Germany: *Gas transfer in the open oceans*



**Lucy Carpenter**, University of York, UK: *The role of chemistry in air-sea fluxes*



**David Woolf**, Heriot Watt University, UK: *Bubbles and gas transfer*