

# INTERNATIONAL WORKSHOP ON MEASURING HIGH WIND SPEEDS OVER THE OCEAN

15-17 November 2016 | Met Office, Exeter, UK

A three day workshop on the science and applications of ocean surface winds, with a focus on measuring high or extreme wind speeds. The workshop will be held at the Met Office headquarters in the cathedral city of Exeter.

Guide to session topics:

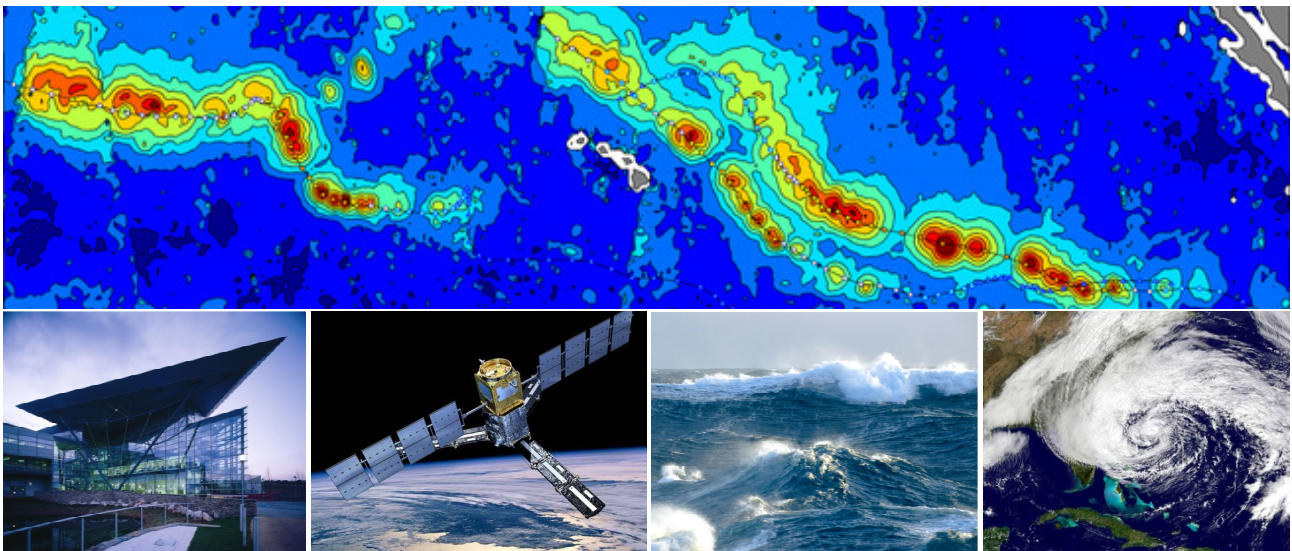
- Satellite measurement techniques
- Ground and airborne measurements
- Core/operational applications and challenges e.g. hurricane/extreme forecasting, storm surges, waves
- Air-sea applications and challenges e.g. seasonal/climate, upper ocean dynamics, air-sea interaction, biogeochemistry
- Numerical weather prediction (NWP) applications
- Numerical ocean prediction (NOP) applications

To register for the workshop and to submit an abstract please visit:

[www.metoffice.gov.uk/conference/ocean-winds-workshop](http://www.metoffice.gov.uk/conference/ocean-winds-workshop)



Deadline for Abstract Submission: **30 June 2016**. You may submit an abstract for either a verbal or a poster presentation in one or more of the session topics listed above. Posters will be displayed for the duration of the workshop with a specific viewing time allocated within the programme – see overleaf for a draft schedule.



**Organising Committee:** Pete Francis, James Cotton (Met Office), Nicolas Reul (IFREMER), Cécile Salaun (Oceandatalab), Craig Donlon (ESA)

**Contact:** [smosstorm2016@metoffice.gov.uk](mailto:smosstorm2016@metoffice.gov.uk)

# Draft programme schedule

## Tuesday 15/11/2016

08:30	09:00	Registration
<b>Introduction</b>		
09:00	09:15	Welcome from Met Office
09:15	09:30	Welcome from ESA
<b>Setting the Scene</b>		
09:30	10:00	Keynote presentation
10:00	10:30	Keynote presentation
10:30	11:00	Coffee Break
<b>Session I: Satellite measurement techniques 1</b>		
11:00	13:00	Oral presentations
13:00	14:00	Lunch
<b>Session II: Satellite measurement techniques 2</b>		
14:00	15:30	Oral presentations
15:30	16:00	Coffee Break
<b>Session III: Satellite measurement techniques 3</b>		
16:00	16:20	Oral presentations
16:20	16:50	Pre-discussion keynote presentation
16:50	17:45	<b>Plenary Discussion:</b> Challenges and priorities for satellite measurements of extreme ocean winds
18:00	20:00	Icebreaker and Poster Session in The Street
20:00		Transport back to Exeter City Centre

## Wednesday 16/11/2016

<b>Applications</b>		
09:00	09:30	Keynote presentation
<b>Session IV: Core/operational applications and Challenges</b>		
09:30	10:30	Oral presentations
10:30	11:00	Coffee Break
<b>Session V: Air-sea applications and Challenges</b>		
11:00	12:20	Oral presentations
12:20	13:00	<b>Plenary Discussion</b>
13:00	14:00	Lunch
<b>Session VI: NOP Applications and Challenges</b>		
14:00	15:00	Oral presentations
15:00	15:30	<b>Plenary Discussion:</b> Challenges to be addressed for better NOP in extremes
15:30	16:00	Coffee Break
<b>Session VII: NWP Applications and Challenges</b>		
16:00	17:20	Oral presentations
17:20	17:50	<b>Plenary Discussion:</b> Challenges to be addressed for better NWP in extremes
17:50		Close

## Thursday 17/11/2016

<b>Session VIII: Ground and Airborne Measurements</b>		
09:00	10:00	Oral presentations
10:00	10:30	<b>Plenary Discussion:</b> Challenges to validate extreme winds
10:30	11:00	Coffee Break
<b>Session IX: Future Directions</b>		
11:00	12:20	Oral presentations
12:20	13:00	<b>Plenary Discussion</b>
13:00	14:00	Lunch
<b>Session X: Summary and Close Workshop</b>		
14:00	14:30	Keynote presentation
14:30	15:00	<b>Final Discussions and wrap-up</b>
15:00	15:30	Coffee Break
15:30		Close