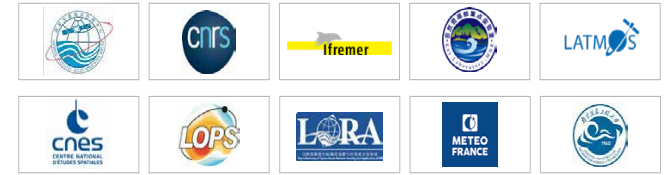




# 3<sup>rd</sup> CFOSAT International Science Team Meeting

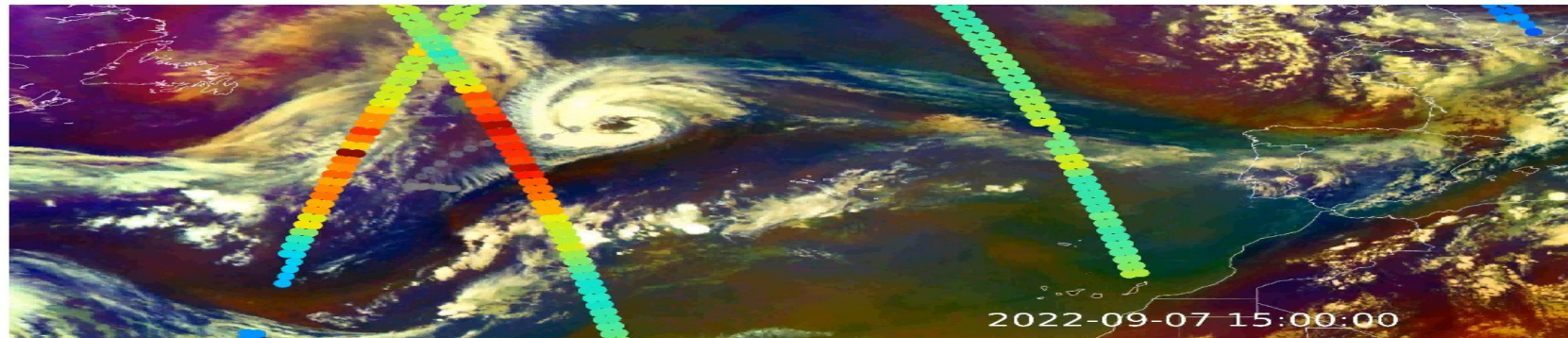
## The 8<sup>th</sup> CFOSAT Science Team Workshop

**12<sup>th</sup> to 14<sup>th</sup> september 2022**



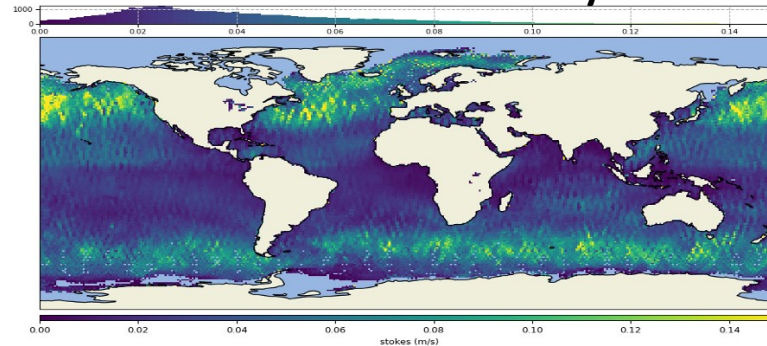
**Workshop opening and welcome**

**Lotfi Aouf, CFOSAT PI  
Météo France**

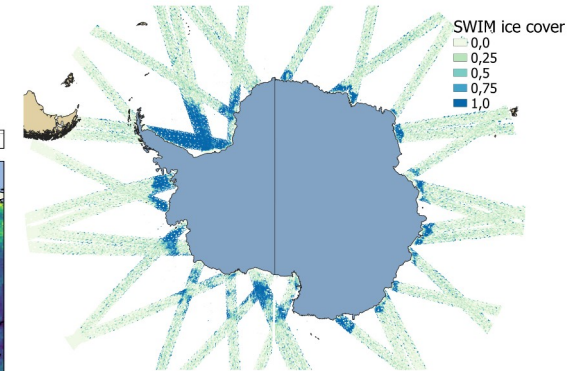


- Almost 4 years after CFOSAT launch : successful scientific achievements, and more to be expected !
- Exploitation Review (REVEX) last march 2022 : excellent exploitation process
- Recent scientific developments related to CFOSAT in this meeting
- Update on upgraded processing for level 2 products
- Exploring new scientific applications
- Linking CFOSAT data to operational and science applications

### Stokes drift intensity



### Sea ice fraction



→ 44 abstracts received : 25 oral presentations in morning sessions

- Discussions sessions in the afternoon (side workshop : 7 presentations)
- Forum session : chat/discussions 8 presentations

→ Expected 42 registered in person at Saint Malo and hope many world wide Remotely connected

	Chairs	Day /time of oral session
Opening and Mission status	J-M. Lachiver	Monday, September 12th, 08:30-10:10 (Paris), 14:30-16:10 (Beijing)
SCAT &SWIM products assesement	Wenming Lin/D. Hauser	Monday, September 12th 10:25-13:10 (Paris), 16:25-19:10 (Beijing)
Wind and waves analysis	Xu Ying	Tuesday, September 13th 08:30-10:10 (Paris), 14:30-16:10 (Beijing)
Wind and waves analysis	J. Tournadre	Tuesday, September 13th 10:35-13:00 (Paris), 16:35-19:00 (Beijing)
Sea Ice	F. Ardhuin	Wednesday, September 14th 08:30-10:35 (Paris), 14:30-16:35 (Beijing)
Perspective for new products	L. Aouf	Wednesday, September 14th 10:50-13:00 (Paris), 16:50-19:00 (Beijing)

# Renewal of CFOSAT science team : more than 20 proposals

## Project name :

ARANSAT, Ssea-ice, CROSSEAS, LAGOON  
Phymrain  
CFOSAT and Marine energy, BMWms  
IBI-Nologin,  
Validation of CFOSAT in regional seas  
(Baltic sea and IBI and Med)  
RaGac-WAW (NOC)  
THETHYS  
Analysis in shallow coastal waters (Korea)  
WECOM , ETCWaves-AU  
MAEVA, SIO (Synergy VOS & CFOSAT)  
Wave direction & MSS,....

## Countries represented :

6 France, 3 UK, 2 Australia, 1 Spain,  
1 Finland, 1 Ireland, 1 Japan, 1 Korea,  
1 Canada, 1 Mexico, 1 Chili, 2 Russia

Sea ice param (SWIM&SCAT)  
wave/ice interactions

Extreme sea states (hur. Extra-trop,..)  
Rogue indicators

Wave/ocean/atmosphere  
Sub-meso and meso circulations

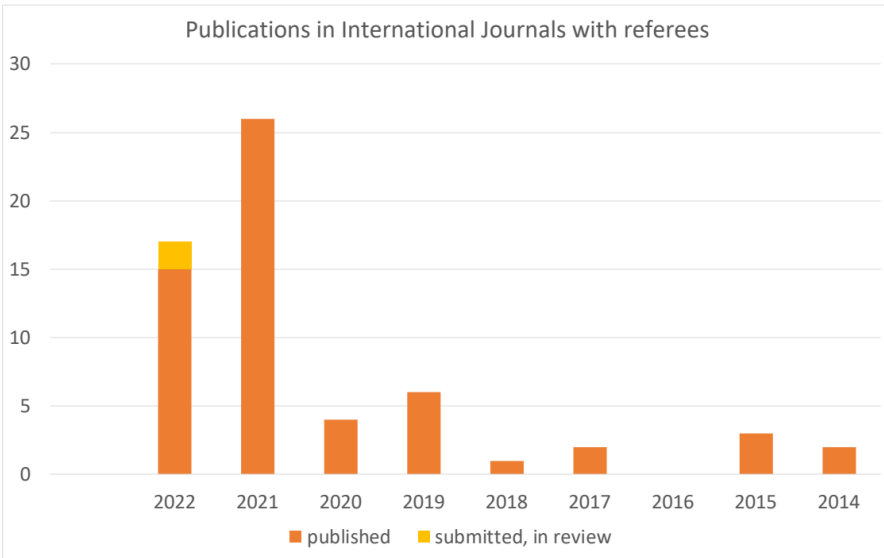
Validation & assesement regional  
and coastal (IBI, Baltic, Med, NW-Pacific)

Wave param. retrieval (impact rain)  
MSS analysis

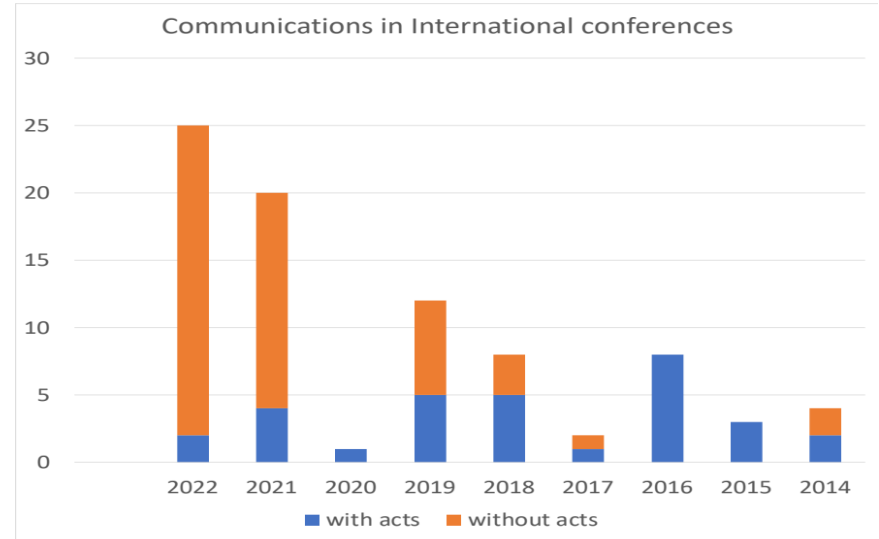
Wave climate analysis  
(regional & Coastal)  
synergy with other sensors  
(S1, S2, HY2,...)

# CFOSAT : Scientific visibility and acknowledgment

## Publications in journals



## Communications in conferences



→ **Growing number of science publication and communications**

# Technical recommendations

## To all

- **Open the microphone only when speaking**
- **Think to rename your username in the Zoom session with your Name (in capital letters) and first name except if you are in a meeting room.**
- **Use the chat tool on Zoom when raising a question on a live presentation (the chairperson will select the questions)**
- **In complement use the chat tool on the forum for either oral or poster sessions**

## To presenting authors

- **Except in the first session, all talks limited to 20 min maximum (excluding questions)**
- **Switch on the camera (if possible) when presenting your talk and answering questions**