

CFOSAT Pre-launch workshop, 8-9 October 2018
Institut Universitaire Européen de la Mer (IUEM), Université de Bretagne Occidentale,
Rue Dumont d'Urville, 29280 Plouzané (Brest métropole), France

for interested participants: a specific bus will leave from Brest at 10:45 , bus stop 'Multiplexe', 33 avenue Georges Clémenceau

welcome coffe					
Monday October 8th , Morning	Time	Speaker	Speaker Affiliation	Title	talk reference
Session 1: Overview of CFOSAT mission and organization, Chair: Cédric Tourain					
	11:15-11:30	Fabrice Ardhuin	LOPS, France	Welcome and introduction	
	11 :30-11:55	Danièle Hauser	LATMOS, France	CFOSAT Overview	1
	11:55-12:20	Juliette Lambin (or Danièle Hauser, TBC)	CNES, France	Objectives and organization of the science team	2
	12:20-12:40			Discussions	
	12:40-14:00	Lunch break			
Monday October 8th, Afternoon	Time	Speaker	Speaker Affiliation	Title	talk reference
Session 2: Examples of oceanic scientific issues to be adressed with CFOSAT, Chair: Fabrice Ardhuin, Yijun He					
	14:00-14:25	Bertrand Chapron	LOPS, France	Ocean surface wave-current signatures from satellite altimeter measurements	3
	14 :25-14:50	Emmanuel Dormy	ENS, France	MAEVA : Waves Generated by Extreme Events and their Impact	4
	14:50:15:15	Bia Villas Boas	SCRIPPS, USA	Wind-Wave interactions from CFOSAT: Processes in the California Current	5
	15:15-15:40	Lotfi Aouf	Meteo-France, France	CFOSAT mission : high expectation for operational wave forecasting	6
	15:40-16:10	Coffe break			
	16:10:16:35	Nicolas Longépé	CLS, France	Towards the characterization of sea ice with CFOSAT sensors	7
	16:35-17:00	Christian Melsheimer	Univ. Bremen, Germany	Sea ice type distribution in the Antarctic from microwave satellite observations	8
	17:00-17:25	Chen Ping	Huazhong Univ of Science and Technology, Chine	Quasi-Gaussian Probability Density Function of Sea Wave Slopes from Near Nadir Ku-Band Radar Observations	9
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Tuesday October 9th, Morning	Time	Speaker	Speaker Affiliation	Title	talk reference
welcome coffee					
Session 3: Expected performances and limits of SCAT and SWIM data inversion methods, Chair: Danièle Hauser					
	09:00-09 :25	Wenming Lin	Nanjing University of Information Science and Technology, China	A Perspective on the Performance of the CFOSAT Rotating Fan Beam Scatterometer	10
	09:25-09 :50	Xu Xingou	The CAS Key Laboratory of Microwave Remote Sensing, China	Wind field retrieving for CFOSCAT onboard CFOSAT based on clustering method	11
	09:50 -10:15	Victor Gressani	LOPS, France	Wave spectrometer tilt modulation transfer function using near-nadir Ku- and Ka-Band GPM radar measurements	12
	10:15-10:40	Alexey Mironov	Ocean DataLab, France	Nonlinear Imaging Mechanisms of SWIM Measurements: Range Gate Bunching Effects	13
	10 :40-11:10	Coffee break			
	11:10-11:35	Bruno Picard	CLS, France	Impact of the atmospheric attenuation on CFOSAT observations: data availability, expected distortion and in-flight validation	14
Session 4: Planned and proposed Calibration/validation activities, Chair: Lotfi Aouf, Wenming Lin					
	11:35-12:00	Wange He	National Ocean Technology Center, China	Preparation of CFOSAT CAL/VAL from Chinese side	15
	12:00-12:25	Cedric Tourain	CNES, France	CFOSAT SWIM CAL/VAL activities organization	16
	12:25-12:50	Lauriane Delaye	ACRI-ST, LATMOS, France	CAL/VAL activities at the WWEC LATMOS	17
	12:50-14:00	Lunch break			
Tuesday October 9th, Afternoon	Time	Speaker	Speaker Affiliation	Title	talk reference
	14:00-14:25	Annabelle Ollivier	CLS, France	Systematic CalVal Activity: CaSyS, a stable validation diagnosis basis	18
	14:25-14:50	Romain Husson	CLS, France	CFOSAT/SWIM CalVal of wave measurements: lessons learned from Sentinel-1	19
	14:50:15:15	Anne-Karine Magnusson	MET Norway, Norway	CFOSAT CAL/VAL with Norwegian platform data, and future plans.	20
	15:15-15:40	Federica Polverari	Institut de Ciències del Mar, Spain	Towards a consolidated wind reference for assessing scatterometer high and extreme-force wind capabilities	21
	15:40-16:10	Coffee break			
	16:10-16:35	Paul Chang	NOAA, USA	NESDIS Ocean Winds Hurricane and Winter Storms Aircraft Flight Experiment	22
	16:35:17:00	Ad Stoffelen	KNMI, The Netherlands	Research and Development Collaboration towards the Global Near-Real-Time Application of the CFOSAT Scatterometer	23
	17:00-17:25	Antonio Jorge da Silva	Intituto Hidrográfico, Portugal	WAVY surface drifters: a cheap, effective way to gather ground truth for remotely sensed surface currents and waves	24
	17:25-17:50	Jean-François Piollé	LOPS, France	The Ifremer Wind and Wave Operation Center (IWWOC) for CFOSAT - products and services	25
	17:50-18:00			Conclusions, meeting closure	

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