

Date: 08 -09 Sept 2022

Venue: UoS, UK and *Virtual*Note: All times are in UK time**Thursday 8th September 2022 (1330 – 1730 (UK), 0830 – 1230 (US EDT))**

1330 – 1340	Welcome addresses	Craig Donlon, ESA
1340 – 1500	<i>Experiences of radiometer operators</i>	
	ISAR UK	Werenfrid Wimmer, UoS, UK
	The Marine-Atmospheric Emitted Radiance Interferometer (M-AERI) & Heitronics Radiometers on Saildrones	Peter Minnett, University of Miami, USA
	Skin Temperature Measurements using an Optimal Spectral Band	Andy Jessup, University of Washington, USA
	ISAR Denmark	Jacob Høyer, DMI, Denmark
1500 - 1540	<i>Datasets and FRM</i>	
	Felyx	Jean-Francois Piolle, Ifremer, France
	The TRUSTED Project	Marc Lucas and Marc Le Menn, EUMETSAT, Germany
Coffee break (10 min)		
1550 - 1630	<i>Validation of satellite SST and in situ SST measurements</i>	
	M-AERI validation of SLSTR, MODIS, VIIRS, ABI, and Reanalysis SST _{skin}	Peter Minnett, University of Miami, USA
	Sampling and Measurement Error Models for ICOADS Ship SSTs, based on the ESA CCI SST Analysis	Alexey Kaplan, LDEO of Columbia University, USA
1630 – 1730	<i>The ISFRN Network</i>	
	Status of the ISFRN data archive	Werenfrid Wimmer, UoS, UK
	Status of the ISFRN	Werenfrid Wimmer, UoS, UK
	Next generation In-situ radiometer	Tim Nightingale, STFC, UK
1730	Closing remarks	Craig Donlon, ESA
1730	Close of meeting	

Friday 9th September (0800 – 1215 (UK), 1500 – 1915 (Beijing), 1700 – 2115 (Melbourne))

0800 - 0810	Welcome Address	Craig Donlon, ESA
0810 – 0910	<i>Experiences of radiometer operators</i>	
	ISAR Australia	Nicole Morgan, CSIRO, Australia
	ISAR China	Prof. Lei Guan, Oceans University China, Qingdao
	SISTeR	Tim Nightingale, STFC, UK
0910 – 0950	<i>Validation of satellite SST measurements</i>	
	Using ISAR to validate SLSTR data	Werenfrid Wimmer, UoS, UK
	Validation of ENVISAT-AATSR SST retrievals for the study of trends associated with climate change in the Mediterranean Sea	Raquel Niclos / Ludovico Buizza, University of Valencia, Spain
Coffee break (10 min)		
1000 - 1040	<i>SST Data in Practice</i>	
	Applications of the RV Investigator ISAR data	Haifeng Zhang, BOM, Australia
	<i>In situ</i> observations of air/sea CO ₂ fluxes	Thomas Bell, PML, UK
1040 - 1200	<i>Radiometer performance and uncertainties</i>	
	Radiometer uncertainty models	Werenfrid Wimmer, UoS, UK
	Comparison with other <i>in situ</i> instruments	Gary Corlett, Eumetsat, Germany
	A metrological approach to FRMs: Uncertainty and Traceability in the QA4EO framework	Emma Woolliams, NPL, UK
	Radiometer intercomparison exercise, June 2022	Yoshiro Yamada, NPL, UK
1200 - 1210	Closing remarks	Craig Donlon, ESA
1215	Close of meeting	