ISFRN Workshop 2026, online 19 & 20 March 2026

Thursday 19 March 2026, 13.00 – 16.30 (GMT), 09.00 – 12.30 (US EDT)		
Time (GMT)	**Topic**	**Presenter**
13.00 – 13.10	**Welcome address**	Dr Craig Donlon, ESA
13.10 – 13.30	***Session 1: The ISFRN network***	
	Status of the ISFRN and the ships4sst data archive	Dr Werenfrid Wimmer, University of Southampton (UoS), UK
13.30 – 14.30	***Session 2: Experiences of radiometer operators***	
	ISAR UK	Dr Werenfrid Wimmer, UoS
	Update on the deployments of the Marine-Atmospheric Emitted Radiance Interferometers (M-AERIs).	Prof Peter Minnett, University of Miami, USA
	Modulation of the Ocean Surface Skin Temperature and Heat Flux in the Presence of Strong SST Fronts	Dr Andy Jessup, University of Washington, USA
Coffee break (15 min)		
14.45 – 15:25	***Session 3: Ensuring high-accuracy measurements***	
	ASTeRN: A next generation in-situ radiometer	Dr Dave Smith, STFC
	An update on the FRM buoys of The TRUSTED Project	Dr Marc Lucas, CLS, France
15.25 – 16.25	***Session 4: SST Data in practice***	
	Sea surface temperature measurements are now needed for climate quality ocean carbon assessments to support the UN G3W, and the aims of CEOS and the IPCC	Prof Jamie Shutler, University of Exeter, UK
	In Situ Observations from the PIRATA Program in the Tropical Atlantic Used to Estimate Air–Sea Heat Fluxes with COARE 3.6 and ERA5	Dr. Ronald Buss de Souza, National Institute of Space Research, Brazil
	Coastal Monitoring Service from Copernicus LAC Chile for Latin America and the Caribbean	Lucas Amézquita Toledo, Copernicus LAC, Chile
16.25 – 16:30	**Closing remarks**	Dr Craig Donlon, ESA

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Friday 20 March 2026, 9.00 – 12.30 (GMT), 17.00- 20.30 (Korea KST)		
Time (GMT)	**Topic**	**Presenter**
09.00 – 09.05	**Welcome**	Dr Craig Donlon, ESA
09.05 – 09.20	CIMR-Air instrument status and capability	Dr Martin Suess, ESA
09.20 – 10.20	***Session 5: Experiences of radiometer operators***	
	Recent ISAR Observations of Skin–Bulk Temperature Differences in the Seas around the Korean Peninsula and in the Northwest Pacific (2024–2025)	Kyung-Ae Park, Seoul National University, Korea
	Bridging In-Situ FRM Observations and Copernicus Coastal SST Data Products	Dr Guisella Gacitúa, DMI, Denmark
	SISTeR	Dr Arrow Lee, STFC, UK
10.20 – 11.00	***Session 6: SST Data in practice***	
	From Radiometric Intercomparison to Skin SST Retrieval Algorithm: Development Using INSAT-3DR andMeteosat-8 TIR Observations.	Swadhin Satapathy, National Institute of Science Education and Research, Bhubaneswar, India
	Usage of ISAR for very high-resolution coastal SST validation	Jean-François Piollé, Ifremer
Coffee break (15min)		
11.15 – 11.50	***Session 7: Radiometer performance and uncertainties***	
	TIRCALNet – Top of Atmosphere Thermal Infrared Vicarious Calibration Network	Dr Steffen Dransfeld, ESA
	Radiometer uncertainty models (15min)	Dr Werenfrid Wimmer, UoS, UK
11.50 – 12.25	***Session 8: Validation of satellite SST and in situ SST measurements***	
	Sentinel-3 SLSTR SST Validation using Fiducial Reference Measurements (FRM). (15min)	Dr Werenfrid Wimmer, UoS, UK
	Comparison (of shipborne radiometers) with other in situ measurements	Dr Gary Corlett, EUMETSAT, Germany
12.25 – 12:30	**Closing remarks**	Dr Craig Donlon, ESA