

Thursday 3 April 2025, 13.00 – 16.30 (UK), 08.00 – 12.30 (US EDT)

13.00 – 13.10	Session 1: Welcome address	Dr Craig Donlon, ESA
13.10 – 14.10	Session 2: Experiences of radiometer operators	
	ISAR UK	Dr Werenfrid Wimmer, UoS, UK
	Update on the M-AERI deployments.	Prof Peter Minnett, UoM, USA
	Ocean Surface Skin Temperature Measurements using a Simplified Calibration Technique and an Optimal Spectral Band	Dr Andy Jessup, University of Washington, USA
14.10– 14.30	Session 3: The ISFRN network	
	Status of the ISFRN and the ships4sst data archive	Dr Werenfrid Wimmer, UoS, UK
Coffee break (15 min)		
14.45 – 15.25	Session 4: Ensuring high-accuracy measurements	
	ASTeRN: A next generation in-situ radiometer	Dr Dave Smith, STFC, UK
	The TRUSTED Project	Dr Marc Lucas, CLS, France
15.25 – 16.25	Session 5: SST Data in practice	
	The increasing importance of sea surface temperature data records for global carbon assessments used to guide policy	Prof Jamie Shutler, University of Exeter, UK
	Response of Ocean Skin Temperature to Rain: Observations and Implications for Parameterization of Rain-Induced Fluxes	Carson Witte, Columbia University, NY, USA
	Mid and Thermal Infrared Validation using the JPL Radiometer Network with a focus on the Lake Tahoe and Salton Sea Sites	Dr Simon Hook, JPL, USA
16.25 – 16.30	Closing remarks	Dr Craig Donlon, ESA

Friday 4 April 2025, 9.00 – 12.00 (UK), 17.00- 20.00 (Korea KST), 19:00 – 22.00 (Melbourne)

09.00 – 09.10	Welcome Address	Dr Craig Donlon, ESA
09.10 – 9.50	Session 6: Experiences of radiometer operators	
	ISAR Denmark	Dr Guisella Gacitúa, DMI, Denmark
	SISTeR	Dr Tim Nightingale, STFC, UK
9.50 – 10.10	Session 7: SST Data in practice	
	ISAR Korea: Observations of Skin-Bulk SSTs and Air-Sea Interactions in the Northwest Pacific during Pronounced Marine Heat Wave Events	Prof Kyung-Ae, Seoul National University, Korea
10.10 – 10.30	Session 8: Radiometer performance and uncertainties	
	Radiometer uncertainty models	Dr Werenfrid Wimmer, UoS, UK
Coffee break (15 min)		
10.45 – 11.45	Session 9: Validation of satellite SST and in situ SST measurements	
	Using ISAR to validate SLSTR data	Dr Werenfrid Wimmer, UoS, UK
	Comparison (of shipborne radiometers) with other <i>in situ</i> instruments	Dr Gary Corlett, Eumetsat, Germany
	Status and evolution of EUMETSAT SST/IST Multi-Mission Matchup Database (MMDB)	Dr Igor Tomazic, Eumetsat, Germany
11.45 – 12.00	Closing remarks	Dr Craig Donlon, ESA