

Thursday 3 April 2025 (13.00 – 17.30 (UK), 08.00 – 12.30 (US EDT))

13.00 – 13.15	Session 1: Welcome address	Dr Craig Donlon, ESA
13.15 – 14.15	Session 2: Experiences of radiometer operators	
	ISAR UK	Dr Werenfrid Wimmer, UoS, UK
	M-AERI and radiometers on Saildrones	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
14.15 – 14.35	Session 3: Ensuring high-accuracy measurements	
	ASTeRN: A next generation in-situ radiometer	Dr Dave Smith, STFC, UK
Coffee break (15 min)		
14.50 – 15.50	Session 4: SST Data in practice	
	M-AERI and Saildrone validation of SLSTR, MODIS, VIIRS, ABI, and Reanalysis SST _{skin}	Prof Peter Minnett, University of Miami, USA
	Validation work at Lake Tahoe and Salton Sea	Simon Hook, JPL, USA
	The increasing importance of sea surface temperature data records for global carbon assessments used to guide policy	Prof Jamie Shutler, University of Exeter, UK
15.50 – 16.10	Session 5: The ISFRN network	
	Status of the ISFRN and the ships4sst data archive	Dr Werenfrid Wimmer, UoS, UK
16.10 – 16.15	Closing remarks	Dr Craig Donlon, ESA

Friday 4 April 2025 (9.00 – 12.00 (UK), 15.30 – 19.45 (Beijing), 17.30 – 21.45 (Melbourne))

09.00 – 09.10	Welcome Address	Dr Craig Donlon, ESA
09.10 – 10.10	Session 6: Experiences of radiometer operators	
	TBC	TBC
	ISAR Denmark	Dr Guisella Gacitúa, DMI, Denmark
	SISTeR	Dr Tim Nightingale, STFC, UK
10.10 – 10.30	Session 7: SST Data in practice	
	ISAR Korea: Understanding of Skin-Bulk Temperature Differences from ISAR Measurements in the Seas around Korean Peninsula and Indian Ocean	Prof Kyung-Ae, Seoul National University, Korea
Coffee break (15 min)		
10.45 – 11.05	Session 8: Radiometer performance and uncertainties	
	Radiometer uncertainty models	Dr Werenfrid Wimmer, UoS, UK
11.05 – 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
11.45 – 12.00	Closing remarks	Dr Craig Donlon, ESA