

Monday 22 April 2024 (13.00 – 17.30 (UK), 08.00 – 12.30 (US EDT))

12.30 – 13.00	Registration	
13.00 – 13.30	Session 1: Welcome address - 25 years of shipborne radiometers in the UK	Dr Craig Donlon, ESA
13.30 – 14.30	Session 2: Experiences of radiometer operators	
	ISAR UK	Dr Werenfrid Wimmer, UoS, UK
	M-AERI	Prof Peter Minnett, University of Miami, USA
	Ocean Surface Skin Temperature Measurements using a Simplified Calibration Technique and an Optimal Spectral Band	Dr Andy Jessup, University of Washington, USA
Coffee break (15 min)		
14.45 – 15.45	Session 3: Ensuring High-Accuracy Measurements	
	CEOS TIR Radiometer Intercomparison	Yoshiro Yamada, NPL, UK
	The TRUSTED Project	Dr Marc Lucas, CLS, France
	ASTeRN: A next generation in-situ radiometer	Dr Dave Smith, STFC, UK
15.45 – 16.25	Session 4: SST Data in Practice	
	M-AERI validation of SLSTR, MODIS, VIIRS, ABI, and Reanalysis SST _{skin}	Prof Peter Minnett, University of Miami, 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
Coffee break (15 min)		
16.40 – 17.20	Session 5: The ISFRN Network	
	Status of the ISFRN and the ships4sst data archive	Dr Werenfrid Wimmer, UoS, UK
	TIRCALNet – Top of Atmosphere Thermal Infrared Vicarious Calibration Network	Dr Steffen Dransfeld, ESA
17.20 – 17.30	Closing remarks	Dr Craig Donlon, ESA
17.30	Close of meeting, and Evening Drinks	
19.30	25-year anniversary dinner at The Jetty, Ocean Village	

Tuesday 23 April (9.00 – 12.45 (UK), 15.30 – 19.45 (Beijing), 17.30 – 21.45 (Melbourne))

08.30 – 09.00	Registration and coffee	
09.00 – 09.10	Welcome Address	Dr Craig Donlon, ESA
09.10 – 10.30	Session 6: Experiences of radiometer operators	
	ISAR Australia	Nicole Morgan / Dr Helen Beggs, CSIRO / BOM, Australia
	ISAR China	Prof. Lei Guan, Oceans University China, Qingdao
	ISAR Denmark	Dr Jacob Høyer / Dr Guisella Gacitúa, DMI, Denmark
	SISTeR	Dr Tim Nightingale, STFC, UK
10.30 – 10.50	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)		
11.05 – 11.25	Session 8: Radiometer performance and uncertainties	
	Radiometer uncertainty models	Dr Werenfrid Wimmer, UoS, UK
11.25 – 12.25	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
	Validation of the ESA SST CCI data using the Met Office SIRDS dataset	Dr Owen Embury, UoR, UK
12.25	Closing remarks	Dr Craig Donlon, ESA
12.45	Close of main meeting and lunch	
13:30	Additional Technical Workshop	