

ISFRN Workshop 2026, online 19 & 20 March 2026

| Thursday 19 March 2026, 13.00 – 16.30 (GMT), 08.00 – 12.30 (US EDT) | | |
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| Time (GMT) | Topic | Presenter |
| 13.00 – 13.10 | Session 1: Welcome address | Dr Craig Donlon, ESA |
| 13.10 – 13.45 | Session 2: The ISFRN network | |
| | Status of the ISFRN and the ships4sst data archive (15mins) | Dr Werenfrid Wimmer, University of Southampton (UoS), UK |
| | TIRCALNet – Top of Atmosphere Thermal Infrared Vicarious Calibration Network | Dr Steffen Dransfeld, ESA |
| 13.45– 14.40 | Session 3: Experiences of radiometer operators | |
| | ISAR UK (15 min) | Dr Werenfrid Wimmer, UoS |
| | Update on the M-AERI deployments. | Prof Peter Minnett, University of Miami, USA |
| | Advances in Measuring Ocean Surface Skin Temperature using the InfraRed Instrument for Sea Surface Temperature (IRISS) | Dr Andy Jessup, University of Washington, USA |
| Coffee break (15 min) | | |
| 14.55 – 15.30 | Session 4: Ensuring high-accuracy measurements | |
| | ASTeRN: A next generation in-situ radiometer (15min) | Dr Tim Nightingale, STFC |
| | An update on the FRM buoys of The TRUSTED Project | Dr Marc Lucas, CLS, France |
| 15.30 – 16.25 | Session 5: SST Data in practice | |
| | The new evidence of the importance of sea surface temperature measurements for constraining global carbon budgets | Prof Jamie Shutler, University of Exeter, UK |
| | In situ data in Atlantic Ocean with Pirata Program used for estimate heat flux with algorithm COARE and ERA5 (15 min) | Letícia Stachelski, National Institute of Space Research, Brazil |
| | Coastal Monitoring Service from Copernicus LAC Chile for Latin America and the Caribbean (15min) | 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) | | |
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| Time (GMT) | Topic | Presenter |
| 09.00 – 09.20 | Welcome | Dr Craig Donlon, ESA |
| | CIMR-Air instrument status and capability | Dr Martin Suess, ESA |
| 09.20 – 10.20 | Session 6: 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 |
| | Advancing Sea Surface Temperature Validation: Insights from In-Situ Observations in the Nordic Sea and Arctic | Dr Guisella Gacitúa, DMI, Denmark |
| | SISTeR | Dr Tim Nightingale, STFC, UK |
| 10.20 – 11.00 | Session 7: SST Data in practice | |
| | From Radiometric Intercomparison to Skin SST Retrieval: Algorithm Development Using INSAT-3DR and Meteosat-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 Piolle, Ifremer |
| Coffee break (15min) | | |
| 11.15 – 11.30 | Session 8: Radiometer performance and uncertainties | |
| | Radiometer uncertainty models | Dr Werenfrid Wimmer, UoS, UK |
| 11.30 – 12.10 | Session 9: Validation of satellite SST and in situ SST measurements | |
| | Sentinel-3 SLSTR SST Validation using Fiducial Reference Measurements (FRM). | Dr Werenfrid Wimmer, UoS, UK |
| | Comparison (of shipborne radiometers) with other in situ measurements | Dr Gary Corlett, EUMETSAT, Germany |
| 12.10 – 12:30 | Closing remarks | Dr Craig Donlon, ESA |