

29 November			
12:00	-13:00		Registration and refreshments
			Workshop opening
13:00	-13:10	(00:10)	Hilke Oetjen Opening of the 2nd FORUM Science Workshop
13:10	-13:25	(00:15)	Jeremy Harrison & Hilke Oetjen Logistics of the workshop
13:25	-13:45	(00:20)	John Remedios Welcome to the Leicester Space Park
			The FORUM mission
13:45	-14:45	(01:00)	Paolo Laberinti, Damiano Serlenga Earth Explorer 9 FORUM
			Beyond FORUM
14:45	-15:15	(00:30)	Roger Saunders Early Measurements of the Far Infrared from space
15:15	-16:00	(00:45)	Tristan L'ecuyer Mapping the Earth's Emission Spectrum with PREFIRE
16:00	-16:30	(00:30)	break
			Modelling in the far-infrared
16:30	-16:50	(00:20)	Laurent Labnnote Improved cloud scattering parameterization for Mid and Far-IR in RTTOV
16:50	-17:10	(00:20)	Marco Ridolfi A Fast Retrieval Model for Synergistic Inversion of Nadir / Zenith Spectral Radiance Measurements
17:10	-17:30	(00:20)	Tiziano Maestri The FIT-FORUM project
17:30	-18:00	(00:30)	Convenors, all Discussion of the day
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			Instruments and calibration
09:30	-10:00	(00:30)	Luca Palchetti Far-infrared field instruments, observations, and data analysis at CNR-INO
10:00	-10:30	(00:30)	Jonathan Murray Development of Far-infrared ground-based and airborne instrumentation in support of FORUM science
10:30	-10:50	(00:20)	Martin Burgdorf The Moon as a Tool for Mission Performance Estimation
10:50	-11:20	(00:30)	coffee break
11:20	-11:40	(00:20)	Christian Monte The improvement of PTB's Reduced Background Calibration Facility 2 to provide traceability to the SI for ESA's FORUM Mission beyond the current state of the art
11:40	-12:10	(00:30)	Convenors, all Discussion
12:10	-13:10	(01:00)	catered lunch
			Geophysical Products
13:10	-13:30	(00:20)	Sanjeevani Panditharatne Water vapour retrievals and variability from aircraft observations in the far-infrared
13:30	-13:50	(00:20)	Cristina Sgattoni Retrieved Surface Spectral Emissivity Analysis Based on Simulated FORUM Measurements
13:50	-14:10	(00:20)	Laurent Labonnote A Shannon information content analysis on ice cloud profiling from spectrally resolved measurements in the thermal infrared: Application to FORUM and IASI-NG
14:10	-14:30	(00:20)	Gianluca Di Natale A new approach to retrieve ice crystal habits from far infrared spectral radiance measurements
14:30	-14:50	(00:20)	Tiziano Maestri Metp-SG Module for the FORUM end-to-end simulator
14:50	-15:10	(00:20)	Guido Masiello The first day-night infrared retrieval of the Antarctica ozone hole using the radiative transfer model developed for FORUM.
15:10	-15:40	(00:30)	Convenors, all Discussion
15:40	-16:00	(00:20)	coffee break
			Laboratory studies
16:00	-16:20	(00:20)	Laura Warwick Spectrally resolved measurement of water emissivity in the mid- and far-infrared
16:20	-16:40	(00:20)	Ritika Shukla Characterisation of spectroscopic lineshape parameters for the 01101←00001 band of air-broadened ¹² C ¹⁶ O ₂ at 15 μm
16:40	-17:00	(00:20)	Hervé Herbin Laboratory optical properties determination and satellite remote sensing applications
17:00	-17:20	(00:20)	Perla Alalam Laboratory investigations of the spectral optical properties of dust aerosols across the infrared in support of the FORUM forthcoming mission: current and future activity
17:20	-17:40	(00:20)	Cecilia Taverna Determination of the temperature dependence of the refractive index of ice in the FIR
17:40	-18:10	(00:30)	Convenors, all Discussion
18:10	-20:00	(01:50)	evening reception and poster session
1 December			
			FAR-infrared applications
09:00	-09:45	(00:45)	Xianglei Huang Inferring spectral radiative forcing and feedback from 20 Years of AIRS observations: what can we learn for the incoming far-IR missions?
09:45	-10:15	(00:30)	Florian Elias Roemer Direct observation of Earth's spectral long-wave feedback parameter
10:15	-10:45	(00:30)	Quentin Libois Evaluation of the infrared hyperspectral signature of the CNRM-CM6 climate model using IASI observations in clear sky conditions
10:45	-11:15	(00:30)	Martina Taddia How does El Niño - Southern Oscillation drive the inter-annual variability of the Earth's Outgoing Longwave Radiation?
11:15	-11:45	(00:30)	coffee break
11:45	-12:45	(01:00)	all Wrap-up discussion
12:45	-13:45	(01:00)	catered lunch