



National Physical Laboratory

GRUAN ICM-10 Measurement Scheduling and Combination Task Team Summary

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Summary of activities

- Aim to develop methodologies to optimally combine measurements of ECVs from multiple instruments to meet all GRUAN objectives including climate trend detection, satellite calibration/validation, and studies of local mesoscale processes and events.
- Task team membership:
 - Tom Gardiner (co-chair), Fabio Madonna (co-chair), Dave Whiteman, Rigel Kivi, Lori Berg, Xavier Calbet Alvarez, Jordis Tradowsky, John Dykema, Alessandro Fasso, Tony Reale, Alexander Haefele, Richard Querel, Doug Sisterson and Rob Kursinski.
- Recent activities by members of the task team have included:
 - Initial work on Copernicus Climate Change Service development for reference and baseline network data (Fabio);
 - Initiation of the RIVAL campaign (Lori);
 - Involvement in the delivery of the final outputs from GAIA-CLIM (Peter);
 - Ongoing development of temperature SASBE for Lauder (Jordis);
 - Ongoing programme of multi-payload sonde (RS92/RS41/CFH) launches as part of Year of Polar Prediction, and planning for Antarctic campaign (Rigel);
 - Investigation of the effect of local turbulence on radiative transfer and co-location uncertainties (Xavier).