



**EUFAR Webinars thematic group:
The European landscape of airborne infrastructure and future
28 March 2025, 14:00-19:00 (CET; Warsaw-Paris time zone)**

Registration to the EASW #9 webinar:
<https://www.eufar.net/event/registration/the-european-landscape-of-airborne-infrastructure-and-future-4032>

This webinar aims to screen the landscape of airborne infrastructures in Europe. The infrastructures which will be presented are reflecting on the creation of a European central access to airborne platforms and associated virtual observatory: the AIRLIFTS initiative. The AIRLIFTS initiative is beneficial for the scientific community and will be presented.

This creation is supported by national agencies, which will present the national programmes and strategies. The partnership with industrial members is explored, to share expertise and to open new flying opportunities.

This webinar will give an overview of the collaboration potential within Europe and internationally, as well as an overview of the future of airborne research and structure.

It will be emphasized the operational capabilities, expertise, national contexts and future development within the AIRLIFTS initiative.

Moderators: Mélanie Ghysels-Dubois, Thomas Ruhtz

Program:

14:00 – 14:20 *Revisiting the needs of UAV-based observations in the ACTRIS Research Infrastructure: New Technologies & Opportunities*; **Jean Sciare**, F. Marengo, M. Kezoudi, and USRL team (The Cyprus Institute, Cyprus).

14:25 – 14:45 *Navigating the Regulatory Skies: A Case Study of the Boreal Mission in International Waters*; **Benjamin Queval** (M3 System, Belgium).

14:50 - 15:10 *Overview on the DLR research aircraft fleet - with focus on atmospheric research platforms and projects*; **Andreas Minikin** (DLR Flight Experiments (FX), Germany).

15:15- 15:35 *Airborne Science Aircraft Platforms For All Climates*; **Rod Arnold** (British Antarctic Survey (BAS), UK), D. Beeden¹, N. Fenney¹, A. Fleming¹, F. Van Den Heuvel¹, T. Jordan¹, A. Kirchgaessner¹, T. Lachlan-Cope, C. Middleton², M. Wooster², A. Arenas Pingarron¹, B. Schlarb-Ridley¹, C. Robinson¹, F. Squires¹, A. Weiss¹, J. Witherstone¹, G. Veysiere¹.

¹ British Antarctic Survey (BAS, UK),

² National Centre for Earth Observation (NCEO, UK).

- 15:40 - 16:00 *Overview of the UK's FAAM Airborne Laboratory*; **Alan Wooley**, H. Price, (National Center for Atmospheric Science, UK).
- 16:05 - 16:25 *Swedish balloon programmes – overview and opportunities*; **Kristine Dannenberg** (Rymdstyrelsen, Swedish National Space Agency (SNSA), Sweden).
- 16:30 - 16:50 *Esrang Space Center – facilities and services for ballooning and access to space*; **Mattias Abrahamsson** (Swedish Space corporation (SSC), Sweden).
- 16:55 - 17:15 *CzechGlobe infrastructure with focus on airborne research*; **Jiří Kolman**, J. Hanuš (GCRI CAS - CzechGlobe, Brno, Czech Republic).
- 17:20-17:40 *Airborne Remote Sensing Activities of the Svalbard Integrated Arctic Earth Observing System (SIOS)*; **Ashley Morris** (SIOS Knowledge Centre, Norway), S. Jawak^{1*}, A. Sivertsen², R. Storvold², R. Hann³, T.A. Johansson³, R. Denkmann¹, E. Jones¹, I. Matero¹, D. Kivits¹, Ch. Hübner¹, H. Lihavainen¹
¹ SIOS Knowledge Centre, ² NORCE, ³ NTNU Norwegian University of Science and Technology, (*) now at NILU Norwegian Institute for air research, Norway).
- 17:45- 18:05 *High Altitude Platforms for Environmental Science*, **Kristian Ullum Vind**, (SCEYE, USA).
- 18:10 - 18:30 *French infrastructure and national EOSC node DATA TERRA contribution to AIRLIFTS*; **Sébastien Payan** (Sorbonne University, France).
- 18:35 - 18:50 *The AIRLIFTS initiative of European airborne research infrastructure*; **Mélanie Ghysels-Dubois** (Centre National de la Recherche Scientifique (CNRS), Université de Reims, France), Th. Ruhtz, B. Zagajewski, F. Cairo, S. Manfreda, J. Kolman, J. Hanuš, A. Deschamps, V. Dubourg, St. Louvel, C. Flamant, F. Ferracioli, S. Payan, K. Dannenberg, M. Abrahamsson, J.-Ch. Canonici, A. Bourdon, O. Ozkan, I. Reusen, X. Briottet, S. Fabre, L. Croizé, P. Ubertini, L. Natalucci, M. Fiocchi, P. Formenti, Ph. Maier, Ph. Laurent, V. Reveret, M. Albano, T. Scalia, B. Schulz, A. Minikin, Th. Keilig, E. Parizot.

Zoom: <https://uw-edu-pl.zoom.us/j/98337079130?pwd=FSbGovCaYO2ogzOidPatuqb2bCDWbM.1>

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