



Press release

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5G-STARDUST to hold its final event: The R&D Journey towards Space Connectivity

The EU-funded [5G-STARDUST](#) project has officially ended, but we've got something else in store for you: join us on April 23 for our Final Webinar, where our experts will look back at their quest for a deeper integration of Terrestrial and Non-Terrestrial Networks, draw conclusions on what achieved, and talk about what can flow into future innovation.

The event

As a conclusion to our exciting and innovating 39-month journey, we've put together **a short but dense 1-hour programme - starting at 10am CEST -** touching upon every key aspect of our multi-faceted research:

5G-STARDUST Project Coordinator Tomaso de Cola – of the German Aerospace Center – will kick off the agenda, giving an overview of the project, to then delve into its scenario definition and architecture. Partners M`arius Caus (Centre Tecnol`ogic de Telecomunicacions de Catalunya) and Alessandro Guidotti (CNIT – Consorzio Nazionale Interuniversitario per le Telecomunicazioni) will then offer a general view on the unified air interface - with specific focus on beamforming, scheduling and AI-based RRM - followed by a general networking view, with focus on multi-connectivity and handover, by Marius-Iulian Corici (Fraunhofer FOKUS), in collaboration with Benjamin Barth (German Aerospace Center). Closing the presentation round will be Franois Trarieux (Thales Alenia Space), who will finally talk about the project's Proof of Concept and give a demonstration, before conclusion remarks on de Cola's behalf.

The audience will be invited to ask questions in the dedicated Q+A box, which will be tackled over the course of the webinar's sections. **Get yourself a spot and take part in the conversation: [registration are now open](#).**

About the project

5G-STARBUST's ambition is to deliver a fully integrated 5G-NTN autonomous system with novel self-adapting end-to-end connectivity models for enabling ubiquitous radio access. To this aim, the project will design, develop, and demonstrate a flexible satellite system integrated with the terrestrial infrastructure by means of self-organised network architecture, and will deliver an innovative framework to support the operation of multi-orbit constellations, with transparent and regenerative space nodes, to deliver 5G/6G NTN services.

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