Press release

November 5, 2024

5G-STARDUST lands at FOKUS FUSECO Forum 2024

On the 7th and the 8th of November, the 5G-STARDUST project is going to have a multifaceted participation at this year's FOKUS FUSECO Forum in Berlin (Germany) - the flagship event of our partner Fraunhofer - which will be focused on all efforts projecting us "Forward to 6G".

The event

In its role as an internationally recognised industry-oriented event, FOKUS FUSEKO Forum mirrors the lessons learned from global public and private 5G network deployments, and 5G evolution research and standardisation, in a landscape where increasing interest in private industrial campus network deployments - and industries preparing to become ready for the 6G age - can be witnessed. The focus of the discussion will be the new momentum in international standardisation and building up new ecosystems sparked by the latest innovations in the fields of Open RAN, sub THz Radio Systems, Non-Terrestrial Networks, Network Automation, AI/ML, Open Source Toolkits, as well as new envisaged 6G use cases demanding a critical assessment of emerging 6G technologies and architectures.

What's happening

Representatives from our partner Consorzio Nazionale Interuniversitario per le Telecomunicazioni (CNIT) will be holding a presentation focused on “NTN evolution: stepping into 6G” during track 3, session 3, workshop part 2 “3rd Euro NTN Workshop: TN NTN Unification, Non-Terrestrial Networks in the 6G Era – Current Topics and Latest Advancements”, taking place from 2pm on November 7.

5G-STARDUST's Project Coordinator, Tomaso de Cola (DLR) will also deliver a keynote entitled "From 5G Advanced to 6G: The 5G-STARDUST Vision" on the same day and track, during session 4 (Workshop part 3 "3rd Euro NTN Workshop: TN NTN Unification, Non-Terrestrial Networks in the 6G Era – Current Topics and Latest Advancements"), taking place from 4pm.

Additionally, the project will have a booth within the event's showcase area, also featuring promotional material for fellow SNS JU projects 6G-NTN and ETHER, which share with us the quest for the integration of TN and NTN, and NTN into 6G.

A few words on our objectives

5G-STARDUST'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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