



xG-ALOE Plugfest Fall 2026 Call for Participants

Key Aspects of the Event	
Venue	Fraunhofer HHI, Salzufer 15 / 16, 10587 Berlin
Organizer	xG-ALOE initiative with Plugfest support from partners HHI and 5G Berlin
Participants from the following working areas are welcome	O-RU, O-DU, O-CU, 5G Core, RIC, SMO TSN equipment Security solutions Positioning and Sensing devices Test and measurement solutions
xG-ALOE Plugfest Kickoff Call	2026-04-16
Prestaging /pretesting of devices/systems under test	September 07 - 16 latest
Shipping Deadline	Until September 14
Main Plugfest – testing	September 17 – September 25
Reporting	September 28 – October 23
Publication	xG-ALOE meeting (October)

High-Level Use Cases of Interest

- Positioning & Sensing for campus networks
- Security Test Procedures
- TSN over 5G
- Interoperability between O-RAN components

Participants are asked to

- Attend planning calls and preparational activities
- Provide system under test hardware (if applicable) and/or software for the full pre-staging and testing time
- Provide (remote) installation and configuration support during prestaging
- Actively participate in testing (on-site) and provide experienced engineering support for troubleshooting during at least one full week of the main Plugfest time
- Share full results for all test cases executed with the Plugfest organizers
- Review the test report and provide feedback

Participation Benefits

- Opportunity to integrate and test Open RAN based solutions in a multi-vendor environment
- Address industrial O-RAN test scenarios, aiming to go beyond the proven basics and close the gap to production readiness (Scalability & Performance)

- Professional planning, execution, and documentation in a hybrid lab environment
- Alignment of test coverage and results with dedicated industrial requirements in campus solutions
- Detailed results under NDA; publication of results by mutual consent
- Marketing publication via xG-ALOE and individual channels, including web, webinar/streaming, business/social media, and conference presentations
- Test results will be integrated in the xG-ALOE Private 5G Components Catalog

Participation Fees

- Participation is **free of charge** for our **xG-ALOE partners**, as all expenses are covered by Fraunhofer HHI
- For **external partners**, a participation fee of **€8,000** applies

Formal requirements

- Signed participation agreement clarifying roles & responsibilities
- Signed multiparty non-disclosure agreement (NDA) with participating partners

Please note:

- Calls can be attended, and test plans shared once the NDA is signed
- Remote or on-site pre-staging and testing are permitted once the participation agreement is signed

--> If you are interested in participating in the Plugfest, please send an e-mail to plugfest@xg-aloe.de

About the xG-ALOE as Plugfest Organizer

xG-ALOE offers enterprises, particularly small and medium-sized enterprises (SMEs) and start-ups, the opportunity to develop, test, and validate their technologies and use cases.

Enterprises can use the test and demonstration infrastructure independently or collaborate with academic and industrial partners. This enables them to explore new technologies, conduct feasibility studies and interoperability tests, and evaluate prototype components and services at an early stage. This approach enhances the innovative capacity of individual enterprises and fosters collaboration and knowledge transfer between different stakeholders. In addition, participating enterprises are kept informed about the latest developments and trends in 5G and 6G research.

A key aspect of the initiative is sharing experiences through joint measurement campaigns ("Plugfests"), particularly for integrating Open RAN components. This collaborative approach enables start-ups and small companies to learn from others' experiences, addressing practical challenges more efficiently.