

Invitation to test SCHUMANN's Satellite Construction Kit (RESONANCE)

Dear space enthusiast,

We are excited to reach out on behalf of the SCHUMANN consortium, a European Commission co-funded initiative aimed at advancing the NewSpace ecosystem through modular spacecraft and the standardization of their assembly, servicing, and reconfiguration. Our key tool, RESONANCE, is designed to streamline the design of Functional Spacecraft Modules (FSMs), facilitating compatibility and improving connections between spacecraft builders (Tier 1) and component suppliers (Tier 2).

We invite your organization to participate as an alpha tester of RESONANCE, gaining early access to this innovative software. As a participant, you will have the opportunity to:

- Access RESONANCE: Contribute to establishing industry standards and connect with leading space organizations.
- Feature your products: Include your product data in RESONANCE's database, highlighting them in the final software release.
- Compensation: Selected participants (2 to 3) will receive a contract, with up to 30 hours budgeted per tested FSM.

The steps and timeline of your participation will be as follows:

1	Submit interest by completing the questionnaire through this link or via our SCHUMANN website .	Submission deadline: 4 th of October 2024
2	Participant selection based on relevance to SCHUMANN and complementary expertise among participants.	11 th of October 2024
3	Testing of RESONANCE for applying the design methodology and procedures to the selected conceptual FSMs (1 to 3 modules).	8 th of November 2024
4	Workshop to share your experience and feedback with the Development Team and other participants.	Mid November 2024
5	Reporting of your experience and any encountered challenges or issues.	End November 2024

All feedback, reports and other outputs will be used to prioritize evolutions of the RESONANCE software, before releasing it in beta version at the end of the project.

We look forward to your potential participation and receiving your completed questionnaire. Please let us know if you have any questions or need further information.

Best regards,

The SCHUMANN Team

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