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PSI

Webinar

Unlocking Space – Your entry point to making your tech space-ready

6 July 2026 from 10 am to 11 am

Jennifer Wadsworth
Head
of Phi-Lab

Markus Schölmerich
Programme
Manager

Jennifer Ngo-Anh
Senior Industrial Policy Officer in the
Country and Capability Support Division

Scan for registration

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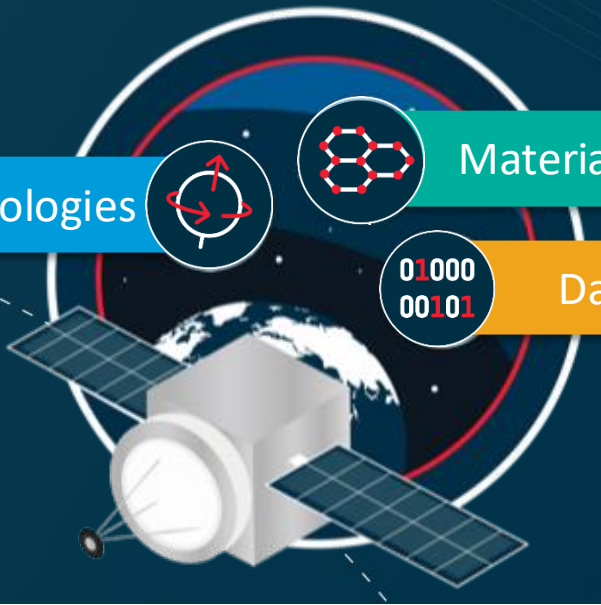
Phi-Lab Switzerland

A Platform for Coordinated Research Programmes in Space × Deep-Tech



Quantum Technologies

Materials Research

01000
00101

Data

01000
00101

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Program Managers

Jennifer Wadsworth
(Quantum & Data Science)

Markus Schölmerich
(Materials Science)

An **platform** for fostering novel, use-driven, interdisciplinary research via **funded programmes**

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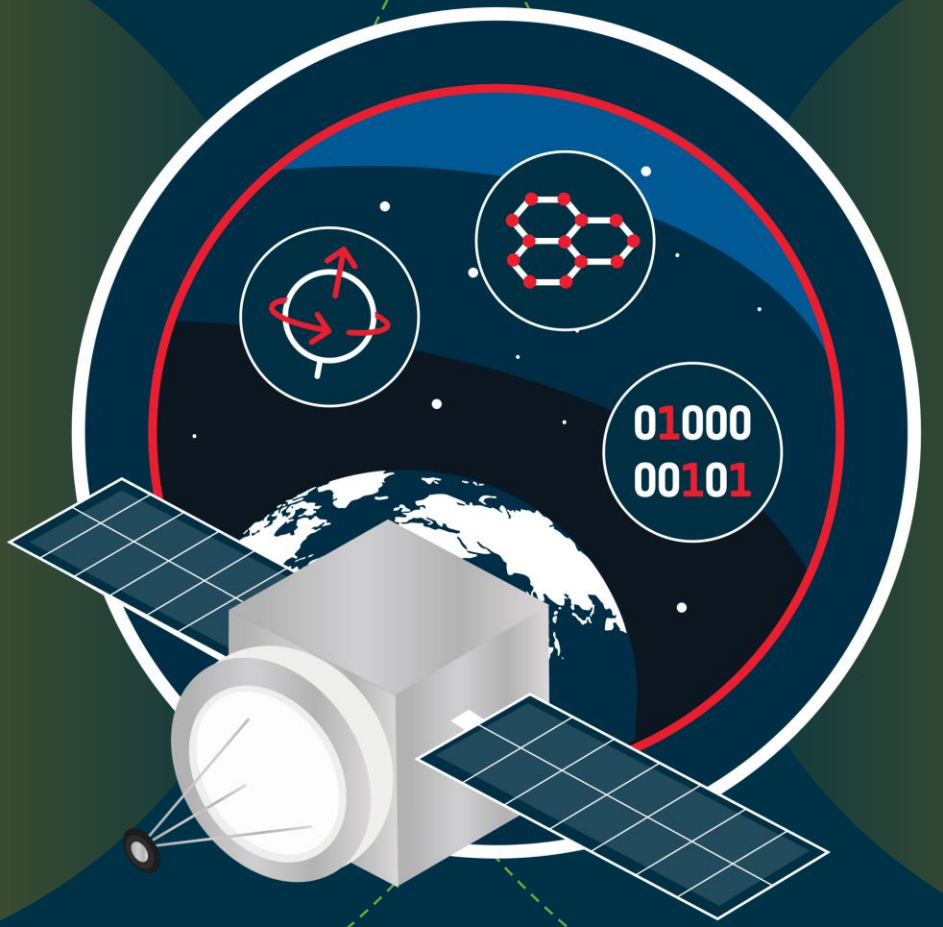
Scientific Excellence



Commercial Relevance

EUROPEAN SPACE DEEP-TECH INNOVATION CENTRE

Implementation PHI-LAB Net 2023-2025

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ESA PHILABNET MAP

LEGEND
- Large Philab
- Small Philab
- Pilot Philab

PHI-LAB @ ESDI
“DEEP TECH”

12 Phi-Labs

ACCELERATE THE FUTURE OF SPACE VIA TRANSFORMATIVE INNOVATION

GENERATING COMMERCIAL COMPETITIVE ADVANTAGE

FACILITATING INVESTMENT ACTIONS

DEEP-TECH: a knowledge-rich technology at the frontier of science and engineering, **PUSHING THE BOUNDARIES OF THE POSSIBLE** forwards.

PHI-LAB FOCUS TOPICS:

Phi-Lab Switzerland Research Programmes

Quantum Technologies

«What if every satellite could carry a quantum sensor the size of a shoebox?»

Challenge: at least 10x improvement in Compactness, Performance, or Reliability

«What if spacecraft structures could adapt, shield, and self-heal in orbit, enabled through advanced manufacturing?»

Challenge: Demonstrate a step change in AM for autonomous spacecraft integrity in extreme conditions

Materials Research

Data

«What if autonomous space systems could deliver trustworthy, meaningful decisions when most needed?»

Challenge: Solve the joint bottlenecks of intelligence and trust in the deployment of time-critical autonomous decision-making in space systems

Phi-Lab Switzerland Mission Status

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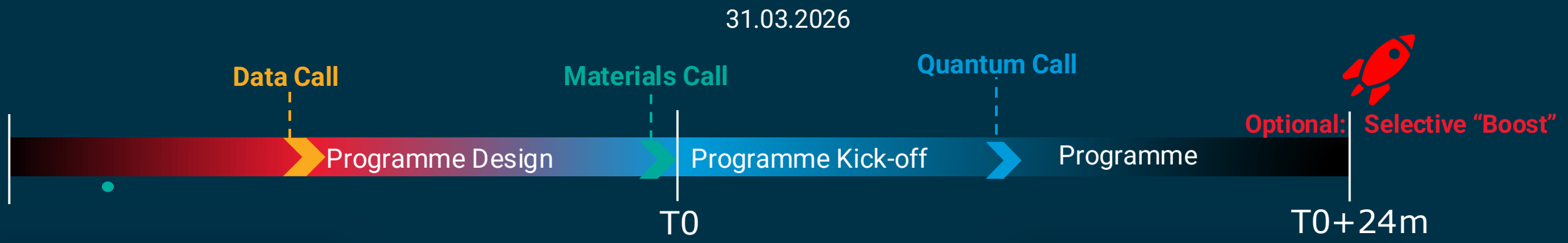

6Mio+
Running Project Funding [CHF]

3M CHF per call, up to 75% industry funding, with follow-on funding potential via "Boost"

Strong industry participation and lead roles across consortia

50%
Industry participation

100+
Submitted Ideas

Active inter-sector, including non-space community involvement in shaping scope of calls

Phi-Lab Switzerland supports innovation in Quantum, Materials, and Data with a clear focus on scientific excellence and commercial relevance, translating use-driven ideas into near-future applications for space and beyond.

Post-Programme

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"Fresh-Blood" Injection

BOOST (XM CHF)

Boostli (X00k CHF)

TRL 5/6

Phi-Lab projects

Road to TRL 5/6

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How can you get YOUR technology space-ready?

TRL 5/6

Check our website for more information and subscribe to our newsletter!