

SiLA Conference 2026

Growing Lab Automation
for the Next Generation

October 9, 2026 • Novartis, Basel, CH • Free Registration

Training young scientists to digitalize research and embrace automated labs!



AGENDA

- 08:30** Registration & Coffee
09:30 Welcome • Talks • Q&A
- ◆ **Pascal Miéville** (EPFL)
Distributed Intelligence in Embodied Self-Driving Laboratories
 - ◆ **Michael Kuhnert and Dami Akinyemi** (Opentrons)
Lowering the threshold to get started with lab automation but also unleashing the experts
 - ◆ **Stefan Maak** (Uppsala University)
Teaching Lab Automation at a University
 - ◆ **Benedict Diederichs** (OpenUC2)
*From Open Modular Microscopy to Orchestrated Lab Workflows:
Making Complex Imaging Reproducible with Open Interface*
- 12:00** Lunch & Networking • Posters • Exhibition “Wonders of Medicine”
14:00 SiLA in Action: Joint Vendor & Users Use Cases
- ◆ **QPillars**
 - ◆ **BigChemistry & Synchron Lab Automation**
 - ◆ **Neveso & JAG**
 - ◆ **UniteLabs**
- 15:00** Roundtables Academia–Industry Teams
16:00 Wrap-up

Call for posters and
demos open!

Register here:



Most life science research remains manual, and many labs still lack basic digitalization. To enable AI-driven R&D, the next generation of scientists must be trained to use and build automated labs. We'll discuss how to accelerate this transition through:

Academia: Training students in lab digitalization and automation

Industry: Creating accessible, scalable automation solutions and expanding adoption

SiLA: Advancing education, standardization, and ecosystem growth

SiLA

www.sila-standard.org