

# The SiLA Connection

## Special SLAS edition



STANDARDIZATION IN LAB AUTOMATION

JANUARY 2024

## SiLA – connecting the world!

This is our mission statement for the year 2024.

SiLA's event schedule is as crowded as never before, and the team is excited about all the connections SiLA will make this year.

Yes, the SiLA standard not only connects instruments, products and robots – but also people.

### See us at these events:

#### [SLAS2024](#)

February 3-7, Boston, USA

#### [Lab of the Future USA](#)

March 11-12, Boston, USA

#### [Paperless Lab Academy](#)

March 12-13, Milano, Italy

#### [analytica 2024](#)

April 9-12, Munich, Germany

#### [ACHEMA2024](#)

June 10-14, Frankfurt am Main, Germany

#### [Future Labs LIVE](#)

June 26-27, Basel, Switzerland

## SiLA at [SLAS2024](#) in Boston, Feb 3<sup>rd</sup>-7<sup>th</sup>

Meet SiLA at **booth #220** and get in contact with one of our SiLA representatives. This year, we are delighted to not only have SiLA Directors, but also SiLA members at the booth.

Get firsthand information on how the standard can help you as a user or a vendor.



Help SiLA choose a "mascot". Four companionable mascots are waiting for you. Leave your name and company information and win one of the four SiLA mascots.

We look forward to meeting you!

## SLAS tutorial Session: SiLA - connecting the world!

Come and hear what SiLA **users** and **vendors** from [Novo Nordisk](#), [Automata](#), [Biosero](#), [ABB](#), [Astech Projects](#), [Omron](#) and [Fraunhofer IPA](#) have to say about why SiLA is important to them and get an update on the SiLA and **AnIML data standard**.

**Date:** Tuesday, February 6th

**Time:** 8.30-10am

**Room:** 102b

**SiLA** Rapid Integration

**SiLA - connecting the world!**

Come and hear what SiLA users and vendors from Novo Nordisk, Automata, Biosero, Omron, ABB, Astech and Fraunhofer IPA have to say about why SiLA is important to them and get an update on the SiLA and AnIML data standard.

Session 239, Room: 102b  
Tuesday, February 6th  
8.30-10 am

novo nordisk

astech projects

ABB

Automata

OMRON

Fraunhofer IPA

BIOSERO

AnIML

Visit us at booth #220 or find out more about SiLA here:

## Free SiLA-AnIML SPLASH session! Alongside SLAS in Boston, Feb 8<sup>th</sup>

This session is organized by the SiLA Consortium and the AnIML Society. Attendance is free of charge.



The Splash! Is a unique event for every digital lab enthusiast. It combines an educational part with a hands-on session to try out standards in action.

Pick up the details on the popular SiLA and AnIML standards, understand how they work and where you can put them to use. Our hands-on session lets you experience the standards in action firsthand.

**Date:** Thursday, February 8th, 2024

**Time:** 9am-1pm

**Location:** Seaport, One Marina Park Center, 1 Marina Park Drive, Suite 1410, MA 02210, USA

We are bringing real and cloud-based instruments and lots of example data sets. Feel free to bring an instrument or your own data.

## Lab of the Future USA in Boston, March 11<sup>th</sup>-12<sup>th</sup>

As a partner of the [Lab of the Future](#) event in Boston on March 11-12, 2024, SiLA Director, Rob Harkness, is moderating a panel of users and suppliers.

Join the session on **March 12th, 4:00pm** to learn about:

### The Latest Update and Case Studies from SiLA: Interoperability & Connectivity



## New SiLA Awesome page

This curated list and the resources provided are designed for every user: For software developers and engineers who are familiar with coding and have read about SiLA concepts, you'll find direct links to various implementations and technical resources.

For scientists and laboratory personnel who are newer to software and SiLA, this document aims to provide a clear and accessible entry point into the world of laboratory automation.

A curated list of **awesome SiLA 2**, implementations, applications, clients, servers that uses the SiLA 2 standard can be found here:



## SiLA “Deep Dive Workshop” at the Paperless Lab Academy in Milano Italy, March 12<sup>th</sup>

In coordination with the [Paperless Lab Academy](#) we look forward to welcome you at the special „Deep Dive Workshop“ at the conference in Milano, Italy. The Workshop takes place on **March 12th, 13.30-16.30pm.**

Sign up now for this special session and learn all about „**Instrument Connectivity and Data Management at scale using Standards**“

**OPLA Conference**  
Paperless Lab Academy

**[Deep Dive Workshop]**  
**Hands on Lab Digitalisation**  
Instrument Connectivity and Data Management at scale using Standards



**Burkhard Schaefer**  
SiLA Board Member, AnIML Task Group Lead

**SiLA**  
Rapid Integration

**EUROPE**

#PLA2024 Europe  
March 12 & 13, 2024  
Hotel Meliá Milano, Italy

REGISTER NOW

### Objectives of this session:

This deep dive workshop aims for preparing you for the application of laboratory digitization on a large scale through the use of data and communication standards.

You will learn about:

- How the application of scalable patterns can accelerate your digitization efforts. This includes instrument connectivity and data management using the SiLA and AnIML standards.
- How to collect data from instrument PCs in an analytical or biological laboratory and store it in a secure central location.
- How data can be integrated into leading systems such as LIMS and ELN to reduce manual transcription.
- How to apply the FAIR principles to your data to maximize its value.

As you go through these points, you will understand the role of data and communication standards in facilitating this process.

The session will begin with an overview of SiLA and AnIML standards. We will then explore the use of repeatable patterns to apply laboratory digitization at scale and conclude with a live session using real instruments.

### Who should benefit:

**Departments:** R&D, Lab Operations & Management, Manufacturing, Quality, Data Science, Digitalization/IT - **Roles:** Head, Leader, Manager, Scientist,



## SiLA at analytica 2024 in Munich, April 9<sup>th</sup>-12<sup>th</sup>



**analytica**

After 2 years, SiLA team is going to participate again at the [analytica](#) in Munich, Germany, on **April 9th-12th, 2024**. This time not as an online event but physically.

SiLA will be there with a presentation and panel participation, and with a special **one-hour live demo at the Digital Transformation Forum** in cooperation with the AnIML standard, splashlake and others. Come and see how SiLA supports your daily work in the lab in real!

## SiLA is a partner of ACHEMA2024 in Frankfurt am Main, Germany, June 10<sup>th</sup>-14<sup>th</sup>

For the first time, SiLA is part of the [ACHEMA2024](#). We will have **two 90-minutes sessions** where you will **hear from SiLA users, their experiences using SiLA and solutions for the lab**, followed by a panel discussion.

**Time:** 15:30-17:00

**Date:** Tuesday, June 11<sup>th</sup> and Thursday, June 13<sup>th</sup>

SiLA Director, Daniel Juchli and Adam Wolf, as well as SiLA supporter Dr. Georg Hinkel will be present at the show and look forward to meeting you.



## Future Labs LIVE 2024 in Basel, Switzerland, June 26<sup>th</sup>-27<sup>th</sup>

SiLA is again participating as a partner at the [Future Labs LIVE](#) show in Basel, Switzerland.

Besides different presentations and panels, there is a **free SiLA-AnIML SPLASH session** on Tuesday **June 25<sup>th</sup>**, for everyone interested in learning more about SiLA. Contact us for detailed information: [info@silastandard.org](mailto:info@silastandard.org) (registration open soon).

Session on June 27<sup>th</sup>, 11:45-12:15pm:

**Global PoC project-mobile manipulation and lab integration framework**,  
Adam Wolf, SiLA Director and Head of SiLA mobile Robotics Working Group (WG)

Session on June 27<sup>th</sup>, 13:30-14:00pm:

**Going above and beyond FAIR data-Is our research reproducible?**  
Panel discussion moderated by SiLA Director, Dr. Patrick Courtney

Session on June 27<sup>th</sup>, 14:30-14:45pm:

**Sharing projects and achievements (TBC title)**,  
Adam Wolf, SiLA Director and Head of SiLA mobile Robotics WG



### FOR MORE INFORMATION

Visit us at [www.silastandard.org](http://www.silastandard.org)

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... and don't forget to like and leave a comment!