

The SiLA Connection



STANDARDIZATION IN LAB AUTOMATION

DECEMBER 2019

Seasonal Greetings – where to in 2020?

2019 has been a landmark year for SiLA: the release of SiLA 2 and more hackathons, members and engagement than ever before.

In January we are heading to **SLAS2020 in San Diego** - you are welcome to join us there. We will have a busy booth if previous years are anything to go by. Plus a tutorial on Tuesday, January 28th, 9:30-10:15 am.

So take the opportunity to schedule a face-to-face meeting with our SiLA representatives at the show! [Contact us](#) and let us know your availability!

STOP PRESS: if you can't get to San Diego, we will also be at Analytica in Munich as part of their digital transformation forum.

Meet us at the following events:

- **SLAS 2020**
Jan 25-29 San Diego, US
- **SiLA Trainings**
contact for more details
- **SiLA Hackathons**
contact for more details
- **SLAS European Sample Management**
Mar 16-17, Berlin, Germany
- **Analytica 2020**
Mar 31-Apr 3, Munich, Germany

Review of ELRIG-SiLA Workshop at DD2019 on next generation robotics in Liverpool UK

November saw us once again partnering up with ELRIG-UK to bring together some of the leading practitioners and thinkers for to discuss how the next generation of robotics will help simplify the lab.

Dave Swan CTO of Tharsus opened with an inspiring talk on how to make innovation happen. Shan Luo of the University of Liverpool gave an overview of technologies and thinking about robotics in material science discovery and chemistry.

Oskari Vinko of Unitelabs gave a view on the use of mobile robots in R&D labs. We then heard from Unilever and their partners at Applied Integration UK and how they have been tackling integration issues, then a couple of talks on advances in manipulation, from Shadow robot, and i-gripper.



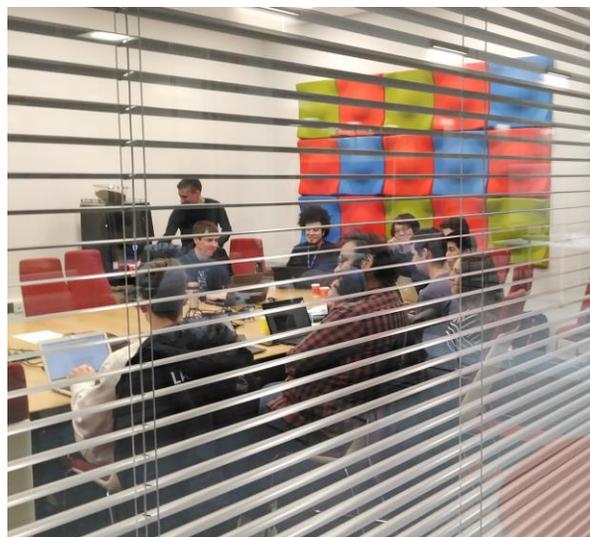
We were lucky enough to have Ola Engkvist of AZ and Larisa Soldatova of Goldsmiths college to bring their perspectives.

If you missed the event, slides are available on our [website's download section](#).

Review of first SiLA Hackathon #18 in the UK, November 7th

Unilever kindly hosted the first ever SiLA hackathon in the UK on 7th November 2019 at the Materials Innovation Factory in Liverpool. Nearly twenty people participated, end-users and vendors some who were already familiar with SiLA 2 and some who were completely new to the standard.

“I learnt a lot and the C# Group delivered a working prototype that we will take forward.”



We spent the first hour or so discussing the basic concepts that we associated with the SiLA and then split off into three groups, two of them programming in python and C# respectively, and the third group, discussing the business use cases for SiLA and the benefits it brings.

By the end of the hackathon, we had the beginnings of a SiLA server for a Mettler Toledo Thermal stability measurement device and an experimental data management system which have continued to be developed since for use in real projects.

Do you wonder what a Hackathon looks like?
Find a short video from the Liverpool [hackathon on youtube](#).

The feedback was generally good, with some great ideas on how we can make the supporting material for SiLA 2 even better. We are already planning the next hackathon which we hope to run early next year!

Are you interesting in hosting a SiLA / AnIML Hackathon? [Contact us!](#)

We are looking for hosts, and would happy to support you with facilitators and in organizing the event!

SiLA at the Lab of the Future Congress on November 12-13, Cambridge UK

SiLA CTO, Daniel Juchli, and Burkhard Schaefer (BSSN/ANIML) were invited to speak at the Lab of the Future Congress at the Wellcome Genome Campus, Cambridge, UK.

"...to be a player in the lab of the future, you need standards.."

They received lots of positive feedback on SiLA 2 and ANIML from the audience. Daniel was also delighted to find SiLA 2 and ANIML mentioned in many of the presentations as a basis for digital transformation in the lab.



<https://jennyham.home.blog/2019/11/20/sketchnotes-from-lab-of-the-future-congress/>

Welcome Jason Meredith on board of the SiLA Directors

With Alex Brendel leaving the Board of Directors earlier this year, we are delighted to finally have found a great successor for his position. Welcome Jason Meredith on board of the SiLA Directors!

Jason is the Head of Software Product Management at Tecan Schweiz AG. He graduated in 1989 with a 2.1 (Honours) degree in Computer Systems Engineering, from University College of North Wales in the United Kingdom.

Initially he worked for a start up company in North Wales later purchased by Diagnostics Products Corporation (now part of Siemens), developing software for early robotic sample processors and automation. Jason joined Tecan in 1999, and took on Software Product Management for Freedom EVOware and associated add-ons and interfaces. As Head of Software Product Management he is responsible for managing Tecan's automation software products for the Life Science Business.

Within the SiLA Consortium, Jason is taking on the role as Head of Marketing and Communication.



First SiLA 2 Training

The first of many trainings is going to take place on December 19th in Basel, with more due soon!

Please complete the short survey to tell us where you want to see training take place by filling out the [online survey](#).

Confirmed SiLA Hackathons 2020 in Germany - SAVE THE DATE:

06.03.2020 - TU Berlin, Germany
 09.06.2020 - TU Berlin, Germany
 09.09.2020 - Sartorius, Göttingen, Germany
 13.10.2020 - Tecan Wiesbaden, Mainz, Germany

Confirmed SiLA Hackathons 2020 in Switzerland - SAVE THE DATE:

07.05.2020 - Roche, Basel, Switzerland

Details of further Hackathons in Switzerland, UK and US will be published shortly.

Become part of the momentum - become an official SiLA member!

Have you thought about joining SiLA before? Now is the right time to sign up and become an official member of the Consortium!

For more information on our membership models contact info@silastandard.org or visit our website www.silastandard.org.

Do you have a SiLA supported or compatible product?

Let the community know and have it published for free on the [SiLA Driver & Products website store!](#)

For further information contact info@silastandard.org

The screenshot shows a webpage titled "Listed SiLA-Supported Products". It features a grid of product cards. The first card is for "SILABOX" (Device Class: Dispenser, Manufacturer: Thermo Fisher Scientific Inc., Supplied by: c-gram, Availability: Released). The second card is for "SiLA 2 Converter by Unilabs" (Supplied by: Unilabs AG, Availability: Under Development). The third card is for "Brooks TubeMarker 2 driver (SiLA 2)" (Manufacturer: BROOKS Automation Life Science Systems). The fourth card is for "Waters LC/MS driver for AutoLynx (SiLA 2)" (Manufacturer: Waters). A callout box on the left says "65 SiLA Products and growing!".

Follow us on youtube!

Just on time with the official release of SiLA 2 we are delighted to publish the first out of three videos of SiLA CTO Daniel Juchli (Wega IT) and Burkhard Schaefer (BSSN Software). Here Daniel and Burkhard talk about SiLA and explain the basic principles. First Video: [Better together](#).

Don't forget to like and leave a comment!

FOR MORE INFORMATION

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