

SSF-Newsletter Nr. 7 / December 2019

Dear Members and Friends of Swiss Smart Factory,

The coronavirus has also turned our programme completely upside down. All events and trips have been cancelled; work is largely being done from home. However, thanks to digitisation, we can get a lot done from our offices at home. Thus, innovation projects (EU, Innosuisse) continue to run according to plan and we stand by our goals for 2020.

For the time being, the impact this is having on our events calendar is huge but even here, we want to look positively into the future. Please find attached an extract from our current events calendar for 2020:

- In February we were actively represented with a stand and workshops at MAINTENANCE Switzerland 2020 in Zurich (read more below).
- In March we invited our partners to participate exclusively in NEXCON, the international Industry 4.0 online conference. NEXCON offers an innovative and risk-free conference format.
- HANNOVER MESSE usually takes place in April. However, due to the coronavirus, the fair has been postponed and will now take place from 13 to 17 July. If the situation allows, we will be there - in Hall 16 "Industrial Transformation", together with selected SSF partners.
- The same applies to SIAMS in Moutier, which will now take place from 10 to 13 November.
- On May 12, the SSF wanted to be at the INDUSTRIEFORUM 2025 in Brugg-Windisch. Unfortunately, it does not take place now and will be broadcast in April. However, due to the coronavirus, the fair has been postponed and will now take place from 13 to 17 July. If the situation allows, we will be there - in Hall 16 "Industrial Transformation", together with selected SSF partners.
- From 22 to 24 September we will be at SINDEX for the first time - centrally with a 100m2 stand, the aim of which is to present our lighthouse project as a figurehead (further information for the partners will follow soon)
- From 21 to 23 October we are going to invite the global Smart Factory community to the INTERNATIONAL SMART FACTORY SUMMIT in Biel - for the third time already.
- Towards the end of the year, we will be ready to tackle our move to the Innovation Park. By the way, you can follow the work being carried out here via a live stream: www.sipbb.ch/raum/morgens/

Let's make the best of this unusual situation. In addition to ongoing innovation projects, we are working diligently on completing the first phase of the lighthouse facility. We are developing new service and training offerings and testing innovative media formats. We shouldn't get bored!

Take care of yourself. Sincerely,

Dominic Gorecky

Flashback

Maintenance 2020 Zurich



As an exhibitor and innovation partner, SSF participated for the first time in Maintenance, the leading trade fair for industrial maintenance, which was held from 12 to 13 February, 2020. At our own stand, we showed visitors the latest developments in the Industry 4.0 sector:

Augmented Reality (AR) for maintenance purposes with the solution from hololone AG Digital retrofit to enable machine learning and data analytics, thanks to components from Hilscher, Balluff, Sick, Pepperl+Fuchs
 Exoskeleton for the upper body from the company Levitate from the USA, represented by jumping the curve
 In addition, we offered two free workshops each day on "Machine Learning" and "Data Analytics". We were very pleased with the numerous visitors to our stand and the workshops.



Swisscom IoT Day



Together with the SSF partner Cencerus, the Swiss Smart Factory was represented at the Swisscom IoT Day, where it was able to inspire the visitors with the demo "LaaS - Laser cutting as a Service" with a live broadcast from the factory in Ipsach.

More than 450 people gathered in the Hallenstadion on 23 January, 2020, exchanging views and discussing the latest topics from the world of IoT in order to drive forward innovations in Switzerland and worldwide together.

Together with Cencerus, SSF was one of 14 selected partners to present its solutions. Many thanks to the Cencerus team for the great cooperation.

Nexcon, the virtual exhibition for smart manufacturing



On 5 March, 2020, SSF participated for the first time in Nexcon, the virtual trade fair for smart manufacturing. This was the third time that Staufen Digital Neomex organised the online conference, Nexcon. In these times of digitalisation, a contemporary alternative to get to know the latest technology trends in the field of Industry 4.0, listen to renowned experts and establish international contacts.

With a limited contingent of premium tickets, we were able to invite SSF members to exchange ideas with representatives from industry, business and technical experts on the virtual, global platform.

The online event on 5 March was the prelude to further conferences and highlights on the NEXCON platform. The premium tickets not only provide one-month access to the content of the main event, but also participation in three additional regional conferences as well as various seminars and coaching sessions throughout the year. [Link to Nexcon digital](#)



Membership programme for the Association for the Promotion of the "Swiss Smart Factory" (FV-SSF)

The previous membership programme has been transformed into an association model. The advantages of the association model are obvious: participation of members in the General Assembly and the Board of Directors creates more transparency and co-determination in SSF activities.

The FV-SSF already has over 50 members from industry and research.

We warmly welcome our newest FV-SSF partner:

- AxNum
- AICA-S&I
- apt advanced production training GmbH
- DAPONA AG
- WEVENTURE

[Statutes of the association and registration](#)

PARTNERS



What SSF membership means to us – the voice of an SSF member



Brütsch/Rüegger Werkzeuge AG
 Martin Wirth, Managing Director
www.brw.ch / www.jellix.com

"Jellix" is an open and neutral Industry 4.0 platform from Brütsch/Rüegger Werkzeuge AG. "Jellix" allows machines, data and processes to be intelligently networked with the aim of creating added value for companies. We are a member of the Swiss Smart Factory because we want to share and support its vision. The opportunity to participate in such a project at the Swiss level is very exciting and offers the chance to exploit synergy potential in cooperation with other market partners.

Project and partner news

Lighthouse project



Even before the Swiss Smart Factory moves into the new building in late autumn 2020 as the first department, the first milestones will be laid in the provisional building in Ipsach. The lighthouse project is intended to show how Industry 4.0 can already work today with an entire production ecosystem. The initiator of the project is the Swiss Smart Factory of the SIPBB.

With the lighthouse project, we are headed in the direction of the "glass factory" and visitors to the SSF can track the entire production cycle along the production ecosystem – from product design to packaging.

Read the whole article about [the lighthouse project](#)



Master thesis on the lighthouse project by Mathias Ingold

We are pleased to offer you the master thesis of Mathias Ingold as a download: "Lighthouse Project Industry 4.0 of the Swiss Smart Factory - prerequisites, value creation potential and expectations for implementation within the context of Switzerland as a workplace"

[Link to the download](#)

Hannover Messe 2020 postponed

New date: 13 to 17 July, 2020, hall 15, stand D18

Due to the coronavirus, the Hannover Messe will not take place in April as planned, but instead from 13 to 17 July 2020. This presents us with an organisational challenge, as we will do our utmost to ensure that SSF, together with its partners, will continue to be part of the Swiss Pavilion at the Hannover Messe 2020. Further information will be sent to the partners soon.

Workshop "Analytics - Big Data - Machine Learning"



Since May 2019, the workshop "Analytics - Big Data - Machine Learning" with Dr. Stefan Pauli, Senior Data Scientist Swiss Smart Factory, has met with great interest. We will therefore be offering it again in 2020 regularly together with Hilscher Swiss GmbH. Now also in English. [Link to event!](#)

Events & Outlook

Hannover Messe 2020 / New date	13 to 17 July, 2020
SIAMS in Moutier / New date	10 to 13 November, 2020
Workshop (EN): Analytics - Big Data - Machine Learning Biel/Bienne	4 June, 2020
SINDEX	22 to 24 September, 2020
Workshop (DE): Analytics - Big Data - Machine Learning Volketswil	28 September, 2020
3rd INTERNATIONAL SMART FACTORY SUMMIT	21 to 23 October, 2020
SSF network meeting at the Neues Museum Biel	26 October, 2020
Workshop (DE): Analytics - Big Data - Machine Learning Biel/Bienne	10 November, 2020

Are you interested in the issues surrounding additive manufacturing technology, battery technology or medical and health technologies? The SIP BB competence centres run regular events. <https://www.sipbb.ch/event/>

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