

SSF-Newsletter Nr. 10 / October 2020

Dear Members and Friends of Swiss Smart Factory,

Let us defy the crisis!

"Out of the crisis – the Role of Digital Technologies in the COVID-19 Crisis" under this motto our virtual event takes place on November 6th. With participation of the World Economic Forum, Microsoft, SIEMENS, ZFWABCO and many more, we discuss how digital technologies will help to overcome the (economic) crisis. [Register now.](#)

But there are also a lot of things going on site – naturally in compliance with strict protection concepts: The general meeting of the Association for the Promotion of the "Swiss Smart Factory" (AP-SSF) in combination with our network meeting in the "Neues Museum Biel" is just around the corner. In the EU Interreg project "Digital Regions", the SSF invited experts from all over Switzerland to discuss new digitization offers for SMEs ([Linkedin](#)). Furthermore, we are taking big steps towards the completion of the first phase of the Lighthouse project Industry 4.0 - follow the development regularly on [YouTube](#) and [Linkedin](#).

We are looking forward to meeting you at one or the other opportunity virtually or on site and exchange ideas with you.

Sincerely,

Dominic Gorecky

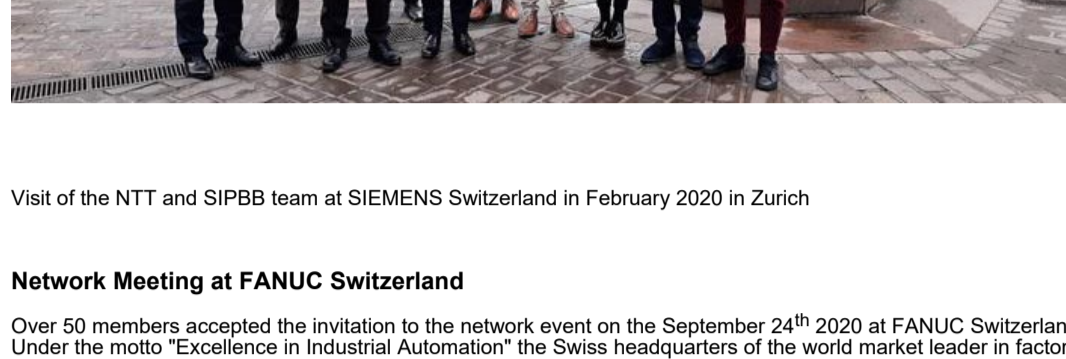
Flashback

NTT starts Proof-of-Concept at Swiss Smart Factory

Japan's leading telecommunication company NTT Communications, NTT Software Innovation Center and SIPBB started together a collaboration project on a global infrastructure for data sharing between businesses. NTT is testing their innovative approach towards global data sharing between businesses at the Swiss Smart Factory (SSF) of SIPBB. The proof-of-concept (POC) is performed in the test and experimentation platform of SSF's drone manufacturing line. The POC highlights the role of data sharing for a sustainable development and circular economy. SSF partner SIEMENS is supporting the POC by integrating its Mindsphere platform as a central data hub.

Dominic Gorecky, head of SSF, says: "NTT is recognizing the uniqueness of our Swiss Industry 4.0 ecosystem and our world-class test infrastructure. We are very happy to work with NTT as a globally leading telecommunication company on the future of data sharing, thereby linking our efforts with the recent activities of GAIA X and the International Data Spaces Association (IDSA)."

The collaboration project was initiated by Japan Innovation Park (JIP) – a joint-venture of SIPBB for establishing technology partnerships between Japan and Switzerland.



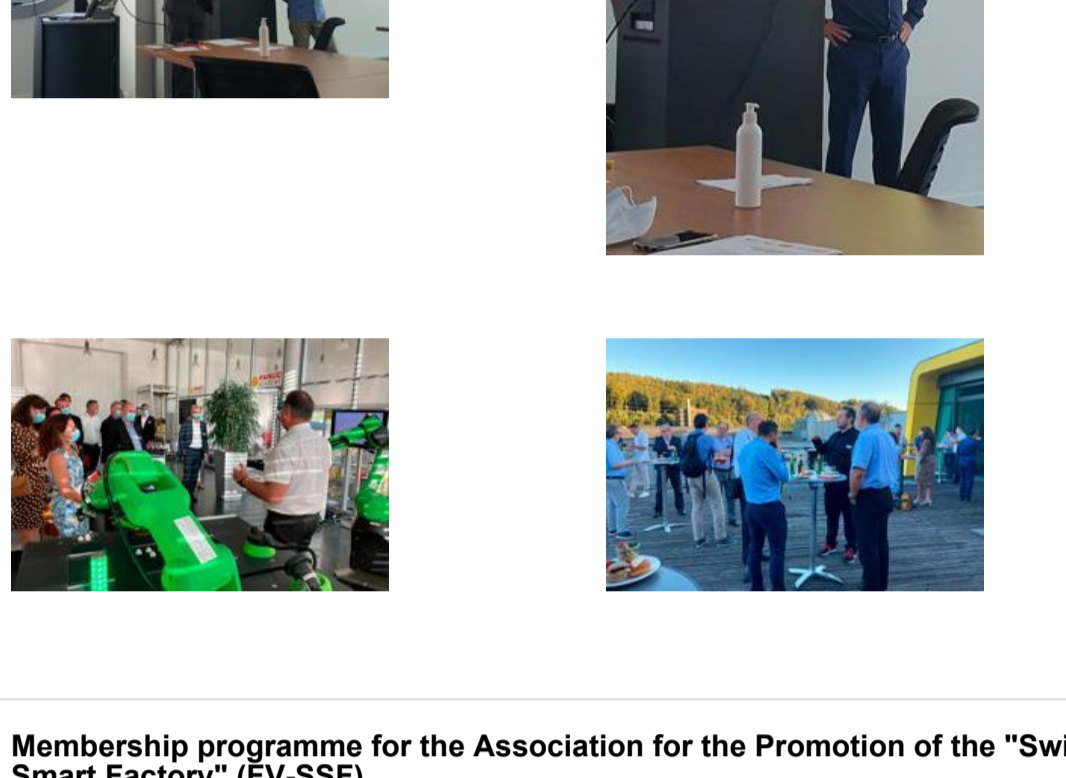
Visit of the NTT and SIPBB team at SIEMENS Switzerland in February 2020 in Zurich

Network Meeting at FANUC Switzerland

Over 50 members accepted the invitation to the network event on the September 24th 2020 at FANUC Switzerland. Under the motto "Excellence in Industrial Automation" the Swiss headquarters of the world market leader in factory automation opened its doors exclusively for us. We received an overview of the FANUC company from Cyril Amez and Pierre Rottet. Dominic Gorecky informed about the current status of SSF's activities.

Benjamin Talin, Founder & CEO of the initiative [More Than Digital Info](#) provided an interesting input of the evening with the topic "Looking ahead – The chances and dangers of COVID-19 in the areas of digitalization and innovation!"

After an exciting tour through the impressive FANUC demo center, we concluded the evening on the roof terrace with lively discussions and summerlike temperatures.



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.

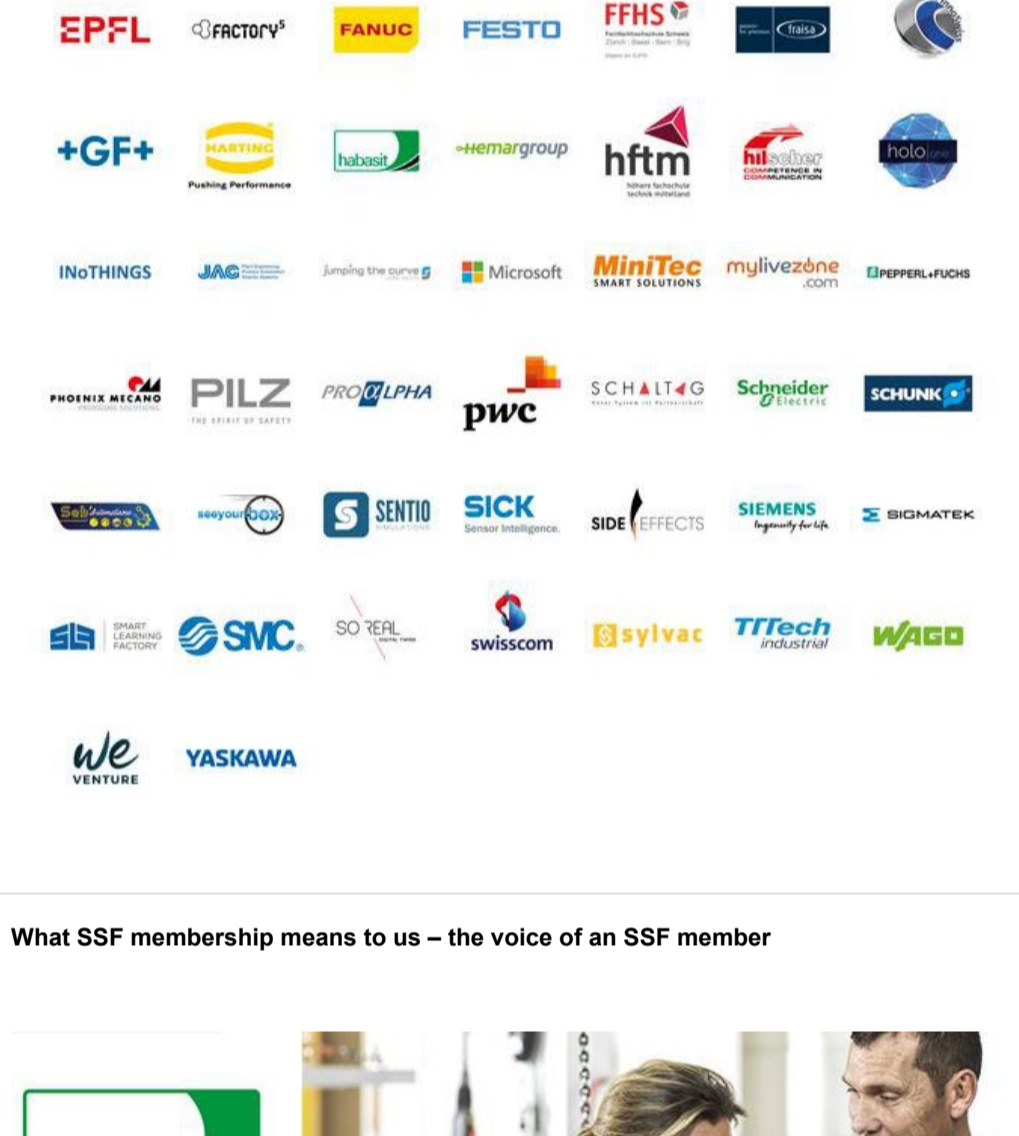
The FV-SSF already has over 50 members from industry and research.

We warmly welcome our newest FV-SSF partners:

- [Microsoft](#)
- [Habasit International AG](#)
- [SO REAL Digital Twins AG](#)

[Statutes of the association and registration](#)

PARTNERS



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

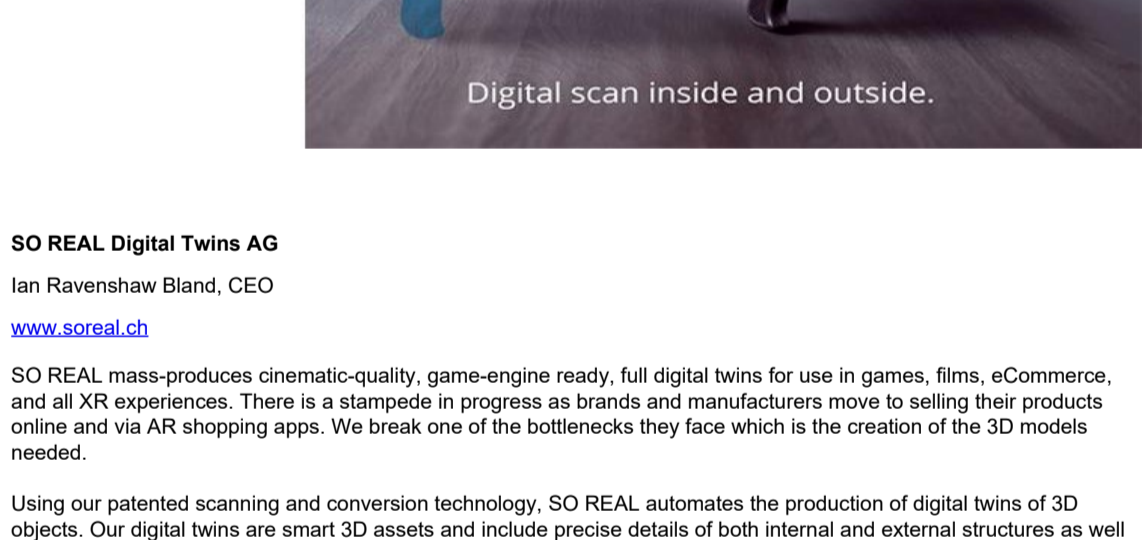


Habasit International AG

Andrea Volpi, CEO
www.habasit.com

Founded in 1946 in Reinach/Basel, Switzerland, Habasit's aim was to revolutionize the power transmission and conveyer industry by introducing the worlds first fully synthetic belt. The success of Habasit is rooted in their commitment to quality, innovation and technology.

We believe in industrial and technology without draining people or the planet and consider the Swiss Smart Factory as a superb environment to combine our passion for innovation and sustainability. The collaboration with the Swiss Smart Factory and its network is a great opportunity to share our deep application & technology expertise in motion technologies, develop new innovative concepts and contribute to promote Switzerland as a powerhouse for innovation and advanced industrial automation.



SO REAL Digital Twins AG

Ian Ravenshaw Bland, CEO
www.soreal.ch

SO REAL mass-produces cinematic-quality, game-engine ready, real digital twins for use in films, eCommerce, and all XR experiences. There is a stampede in progress as brands and manufacturers move to selling their products online and via AR shopping apps. We break one of the bottlenecks they face which is the creation of the 3D models needed.

Using our patented scanning and conversion technology, SO REAL automates the production of digital twins of 3D objects. Our digital twins are smart 3D assets and include precise details of both internal and external structures as well as physics properties and metadata. This enables interactivity and possibilities that go well beyond mere visualization.

Industry 4.0 is smart, highly automated and AI and XR based. We are convinced that Switzerland with its broad network of leading research institutions, established innovation-driven companies, and its start-up community will play a leading role in the development of Industry 4.0. As an innovative start-up at the intersection of physics, entertainment, commerce, and AI, we commit to contributing our knowledge and skills to the network. Together we will shape the industry of the future.

Project and partner news

First impressions of the SIPBB new building site

In August, the entire team of the Switzerland Innovation Park Biel/Bienne was invited to visit the new building. Especially impressive was the workshop where the future Swiss Smart Factory. The hall measures 1000 m², has a height of 7 m and is equipped with an overhead crane. One square meter has a floor load capacity of 3000 kg. The large sectional door allows the entry and exit of a truck.

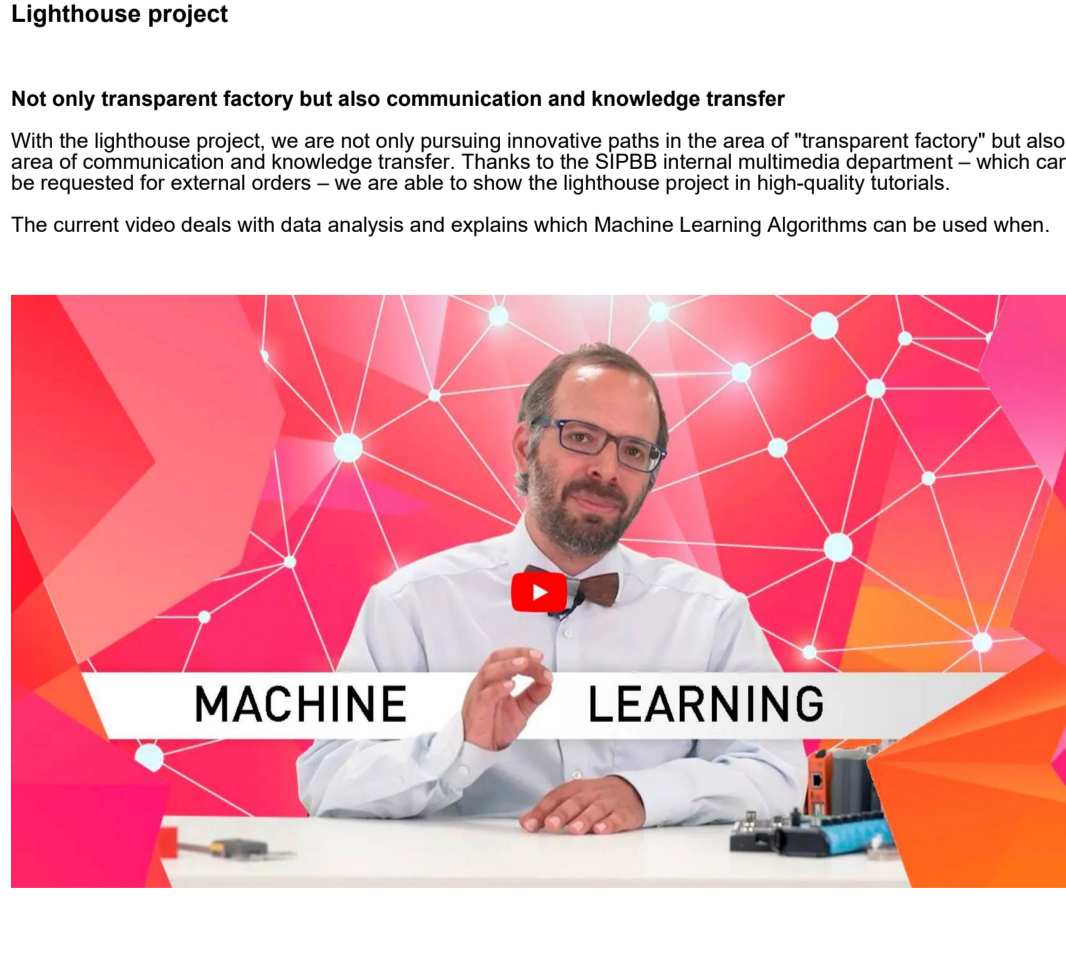


Lighthouse project

Not only transparent factory but also communication and knowledge transfer

With the lighthouse project, we are not only pursuing innovative paths in the area of "transparent factory" but also in the area of communication and knowledge transfer. Thanks to the SIPBB internal multimedia department – which can also be requested for external orders – we are able to show the lighthouse project in high-quality tutorials.

The current video deals with data analysis and explains which Machine Learning Algorithms can be used when.



Events & Outlook

General Assembly of the Promotion Association "Swiss Smart Factory"	26.10.2020
Network meeting at the "Neues Museum Biel – NMB"	26.10.2020
Out of the crisis – the Role of Digital Technologies in the COVID-19 Crisis – virtual event	06.11.2020
Workshop Analytic – Big Data – Machine Learning	10.11.2020
Digital Regions – Online Meeting Switzerland	26.11.2020
Hannover Messe	12. – 16.4.2021

Are you also interested in topics such as additive manufacturing technology, battery technology or medical and health technology? www.sipbb.ch

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