



SSF Newsletter No. 2 / September 2018

Dear esteemed partners and interested parties in the Swiss Smart Factory
Whilst outside in nature autumn is knocking on our doors, I am writing these lines to you directly from sunny and warm Malaysia where as Head of the Swiss Smart Factory I am involved in the development of the Malaysian Smart Factory. This is an important and significant part of the SSF philosophy: "We want to transfer our knowledge internationally and be able to adapt to specific local circumstances."

But also back in Ipsach there was no sign of a summer break. We welcomed numerous visitors to SSF from companies including Nestlé, ABB, ELMO, Blaser Swisslube, Securitas, WAGO, along with journalists, school pupils and students from both Switzerland and abroad.

Partner-Workshops focusing on "Digital Twin" were held with GF and Siemens and a new project for smart machine data collection was launched at [Pavese AG](#) – together with our partners CyberTech Engineering and proALPHA.

As the artist Christoph Rihs says below in his article: "*... it's not about leaning back and having a rest ...*" we still have some innovations pending to close out the year – and you are invited to get involved.
I wish us all continued drive and energy.

Sincerely,

Dominic Gorecky
Head of Swiss Smart Factory

Flashback:

New employee in the SSF team



Jimmy Kaynak:

Jimmy Kaynak joined SSF as a project leader in July 2018 and has also assumed the project management tasks for the interior construction of the SIP BB new building.



Michael Wendling:

In September 2018 we welcomed Michael Wendling as a new SSF employee. As project leader he is responsible for developing a flexible and networked Industry 4.0 production facility in the SSF. Michael previously worked as a team leader in the SmartFactory Kaiserslautern technology initiative in Germany.

Swiss Smart Factory meets Digital Art



"For me being an artist means reinventing yourself every day and not leaning back and having a rest, or repeatedly building or painting repetitive tasks but every day pressing in the finger where it hurts." Extract from the speech by Christoph Rihs on the occasion of the opening of "Jetzt Kunst No.5" 2017

What the Beirut-born artist Christoph Rihs writes so aptly here about artists, is also

totally emblematic for all companies, start-up companies and the Swiss Smart Factory.

When the SSF has to adjust and test the new Trotec laser and the artist Christoph Rihs wants to laser his digitalised drawings, we could call this “Digitalisation meets art” or put another way “Swiss Smart Factory meets Digital Art”.



Christoph Rihs understands his artworks as digital art because he has digitalised the drawings and lasered them in the SSF. Thus new technologies are helping him implement his ideas. The benefit of a laser over a milling machine is that very pointed tips can also be easily created and the costs are also considerably lower.

The artworks lasered in the SSF by Christoph Rihs are currently being exhibited in the art exhibition “Jetzt Kunst NO°6” in the Max Frisch Bad Zürich.

Information about Christoph Rihs: <http://rihs.weebly.com/>

Information about the exhibition: <http://www.jetztkunst.ch/>

Membership Programme of the SSF

Around 30 representatives from industry and research have joined the SSF Membership Programme since it was introduced in early 2018. The Programme is targeted at companies who want to collaborate as protagonists in the SSF eco-system and network.

We warmly welcome our newest members:

- Dassault Systèmes (Schweiz) AG
- Festo AG
- Frimann Inno Swiss
- Höhere Fachschule für Technik Mittelland
- INoTHINGS

Membership Programme, Terms and Conditions, Registration:

<https://www.sipbb.ch/ssf-membership/>

PARTNERS

acs



arcm

BALLUFF



FESTO



+GF+



INoTHINGS



PROALPHA



SIGMA TEK





SSF Members Meeting with networking apéritif

We invite you on 12 November 2018 from 16.30 to the **company [Fraisas SA](#)**, Gurzelenstrasse 7 in Bellach. Please save the date and register by 5 November 2018 at the latest **with Andrea Kneubühl: andrea.kneubuehl@sipbb.ch**. The purpose of the meeting is to provide and exchange information about the most important SSF issues. You will receive a personal information with more information in early October.

1st International Smart Factory Summit, 22 and 23 November 2018

You will receive a personal information with more information during October.

SSF Delegation Tour to Japan: Towards Society 5.0 – Japan's on-going societal transformation. 14 January – 19 January 2018: More details to follow during October.

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

David Corrêa, CEO ACUBE Technology Ltd.
<http://acube.io>

SIP BB and the SSF is the right location for or product development as it gives us access to all the necessary measurement instruments and infrastructures, in our case the electronic laboratory. The internal team is also on-site for rapid support if required.





Project and partner news:

We congratulate Hauert HBG Dünger AG!



Hauert HBG Dünger AG won this year's Innovation Award at the ÖGA specialist exhibition for the garden sector with its tree nursery robot.

The robot was developed for Hauert HBG Dünger AG in the Swiss Smart Factory.

In the video it is impressive to see how the repetitive and laborious manual work required for moving the pots is now performed by self-propelled robot.

<https://www.youtube.com/watch?v=gukzVw798ow>

SSF as an export model – First Smart Factory opens in Malaysia

The Swiss model of a Smart Factory is role model for other countries and regions. Malaysia is an emerging economic location in the ASEAN region and has recognised the potential of Industry 4.0. With assistance from the SSF the Malaysian Smart Factory (MSF) is now being built in Selangor – the most important economic region in Malaysia. The MSF is using the Swiss model as its example whilst at the same time taking regional requirements into account. In addition to training courses on Industrial IoT, it also has a demo centre and support offers for industry relating to digitalisation projects. Our SSF partners Balluff, Hilscher and Siemens have supplied the components for the training and demo workstations.



The training programme has been implemented in partnership with Thomas Zürcher, CEO MyLiveZone. This now enables training courses to be carried out on complex systems at any time and from anywhere in the world.

The opening ceremony of the Malaysian Smart Factory took place on 25 September. Opening addresses were made by Dominic Gorecky, the head of the government of Selangor and the Swiss Embassy.





Events & Outlook

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SSF Delegation Tour to Japan: Towards Society 5.0 – Japan’s on-going societal transformation: 14 January – 19 January 2018: More details to follow.

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

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