

The logo for SmartFactory KL, featuring the text "smartFactory" in a lowercase, italicized sans-serif font, followed by "KL" in a smaller, uppercase sans-serif font with a registered trademark symbol. The logo is white and centered on a dark blue rectangular background.

SF Newsletter 9/2017

Dear Ladies and Gentlemen,

In September, I returned to South Korea to participate in two conferences on Industrie 4.0. The trip provided me with two, important new insights.

First, it was clearly evident how quickly the Koreans are gaining momentum in the concepts of Industrie 4.0. I learned about three national projects at the "Ulsan 4th Industrial Revolution Forum" that are creating a Smart Factory in an open consortium, similar to our own approach: in a successful collaboration of research and industry, but also coupled with (more or less) government funding. The University of Ulsan exhibit firmly convinced me of the success of the intelligent factory implementation. I am very proud of the fact that our *SmartFactory*KL-Industrie 4.0 plant served as the model and we can rightly claim to have a "top export."

Second, I attended the "Daejeon Global Innovation Forum," a conference organized by UNESCO and WTA. This is where I acknowledged for the first time that Industrie 4.0 is important not only to the industrialized nations. In the meantime, the topic is on the agendas of many third world countries, for example, African nations or those in the Middle East. New initiatives are springing up there as well, out of a fear of missing the wave. Now, Industrie 4.0 can truly be said to be a global phenomenon.

Thank you for your continued interest in our work and I hope enjoy reading our newsletter.

Sincerely,

A handwritten signature in black ink, appearing to be a stylized name, possibly "A. ...".



Prof. Dr.-Ing. Dr. h.c. Detlef Zühlke, Chairman of the Board of
Technologie-Initiative SmartFactory KL e.V.



Prof. Zühlke says farewell to 2 of his 3 Offices

Prof. Zühlke has retired from his Chair at TU Kaiserslautern as well as from his position as head of the Innovative Factory Systems department and transferred his duties to Prof. Martin Ruskowski. The laudation at the official farewell and retirement party for Prof. Zühlke was spoken by the Minister President of the state of Rhineland-Palatinate Malu Dreyer.

The network of partners within *SmartFactoryKL* has now been extended to Belgium: The latest member Flanders Make is a strategic research centre for the manufacturing industry. Operating from sites in Lommel and Leuven and from research facilities at the Flemish universities, the center stimulates open innovation through excellent research. Flanders Make brings together companies and research institutions and aims to contribute to the realisation of concrete product and production innovations in the vehicle and mechanical engineering industry and in production environments



New *SmartFactoryKL* website online

Our website has been “relaunched” with a new modern look, expanded content, and exciting new features. The optimization also includes improved usability for mobile devices. We invite you to enjoy your time browsing our new web pages, still provided under www.smartfactory.de.



Talking about "Humans and Computers"

Staff members Patrick Betram and Max Birtel presented papers on human-machine cooperation at the professional conference in Regensburg. They discussed their latest findings on "Virtual user interfaces based on semantic models for simplified plant systems interaction" as well as on "Information modeling to describe the tasks at manual workstations."



TSN Conference in Stuttgart with a talk focusing on TSN in configurable networks. Also, a text on the *SmartFactoryKL* experience with real time communication was published in the trade journal "Computer & Automation": <http://www.computer-automation.de/feldebene/vernetzung/artikel/143840/2/>

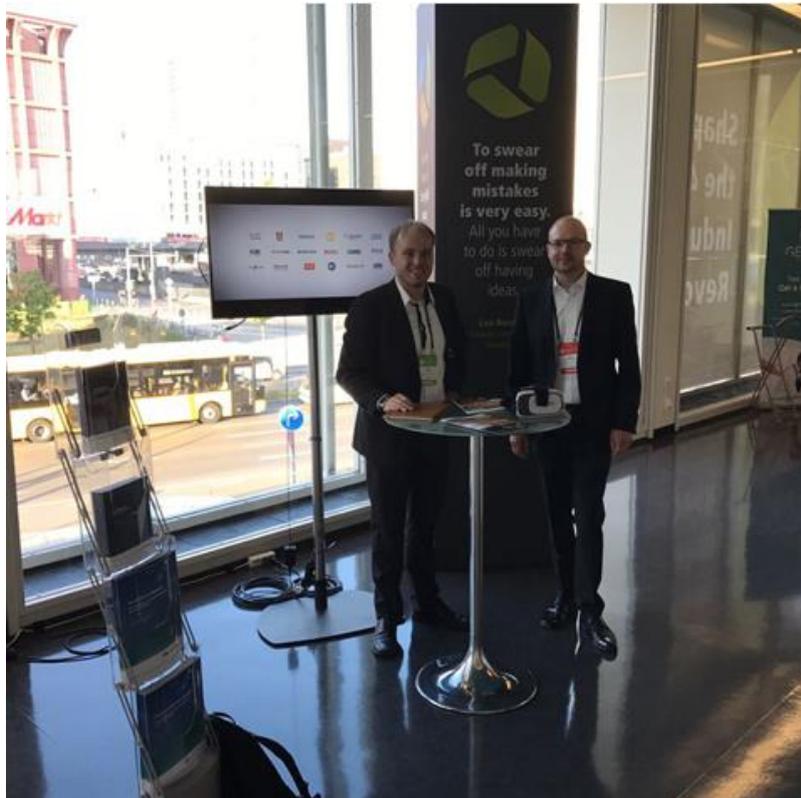


Exhibit at "IoT World" Berlin

For the second time, our representatives staffed a small stand at the IoT World Conference in Berlin. The English language conference is known as a venue for knowledge exchange among decision makers in the area of Industrie 4.0 and a meeting place for international companies.

<http://industryofthingsworld.com/en/>

German Unification Day

October 2-3, public celebration in Mainz

The German Unification Day festivities in Mainz will include the manual work station of the *SmartFactoryKL*, representing the Technology Center Kaiserslautern at the public events surrounding this year's celebration in Mainz.

[> More information](#)

Digitalization Strategy Workshop

*Workshop of the Mittelstand 4.0 Competence Center
Kaiserslautern (SME 4.0)*

October 17, 2017, Kaiserslautern

The workshop will introduce the most important steps for developing your own digitalization strategy.

[> More information](#)

Hands-on 3D printing – from hype to application

*Workshop of the Mittelstand 4.0 Competence Center
Kaiserslautern (SME 4.0)*

October 17, 2017, Kaiserslautern

The training covers the potential, but also the challenges of 3D printing along the entire process chain (pre-, in-, and post-process).

[> More information](#)

ZIRP international: USA Visit

October 18, 2017, Mainz

How much free trade will be possible between the EU countries and the USA? How much protectionism can German-American relations withstand? How will the export state Rhineland-Palatinate respond to the uncertainty in future developments? Dr. Benno Bunse from Germany Trade and Invest and Eveline Y. Metzen from the American Chamber of Commerce in Germany provide the answers.

[> More information](#)

UBICOMM 2017

November 12-16, 2017, Barcelona, Spain

At the 11th International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies (UBICOMM17), we will offer a special track on "Edge Computing in Factories of the Future (ECFoF)."

[>More information](#)

SPS IPC Drives 2017

November 28-30, 2017, Nuremberg

SPS IPC Drives is Europe's leading Trade Fair for electronics and automation. The *SmartFactoryKL* exhibit is returning to Hall 10.0, Stand 508.

[> More information](#)



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