

smartFactory^{KL}[®]

Newsletter 1/2021

Ladies and gentlemen,

The year began very positively for us at SmartFactory-KL, despite Corona. Our GAIA-X research project smartMA-X began on January 1, 2021. The European data platform GAIA-X is essential to our vision of production in the future: *Production Level 4*. Accordingly, our motto for the Hannover Fair (Messe), HM 2021 is: **Achieving Production Level 4 with GAIA-X.**

We will be presenting our subjects and demonstrators at various exhibits at the virtual Hannover Fair, to include: a keynote, a full-day program, as well as several panel discussions.

I would be delighted to meet you at the virtual trade fair. But first, allow me to provide you with more detail in the next newsletter as the date of the Hannover Fair draws closer.

Until then, I hope your days remain covid-free.

Sincerely,



Prof. Dr.-Ing. Martin Ruskowski, Chairman of the Executive Board of Technologie-Initiative SmartFactory KL e.V.

Launch of GAIA-X research project "smartMA-X"



SmartMA-X is a major program sponsored by BMWi to focus on the industrial component of GAIA-X and, in the future, provide a secure data infrastructure, for example, to realize shared production in accordance with European standards. Our research approach is to offer production skills in the network (analogous to a market place) and make them available for use throughout Europe: Production-as-a-Service. Our *Production Level 4* demonstrator will be the first production unit to be connected to the GAIA-X platform.

Learn more about smartMA-X and its scope in our press release: smartfactory.de/en/gaia-x-project-begins-in-kaiserslautern

On March 18, you are invited to tune in as GAIA-X is the focus of SmartFactory-KL

LIVE: www.youtube.com/watch?v=nWcybd52UZg

SmartFactory-KL LIVE

Our LIVE broadcasts are aired every 3rd Thursday and are becoming established viewing throughout the partner circle and beyond. Our LIVE studio, located in the former Ambient Living Lab, provides an atmosphere of authenticity, which is also appreciated by our viewers as we know from the positive audience feedback. However, we note with the passage of time that people are showing a tendency toward "online weariness." That is why we also rely on a secondary medium: All shows and major announcements are also available for viewing 24/7 on YouTube.



On 1/21/21, the topic is "Modular safety: Enabling production in the future." Guests were Gerd Wemmer from PILZ, Dr. D. Richter from TÜV SÜD, and Dr. Patrick Bertram from SmartFactory-KL. Link to the broadcast: youtu.be/la4cu0lu7ls

On 2/18/21, the show is dedicated to our vision of future production: Production Level 4 – The Upgrade of Industrie 4.0. Panel members include Prof. Martin Ruskowski (SmartFactory-KL), Eric Brabänder (Empolis), and Dr. Markus Berg (proALPHA). Link: youtu.be/nm1ptCYr4Nc

Playlist of selected topics

We have prepared a playlist of selected topics from previous broadcasts. We hope this helps you to find detailed information about topics that interest you on our channel:

www.youtube.com/c/SmartFactoryKL/playlists



In parallel, our colleagues at the Mittelstand 4.0 Competence Center (SME4.0) have launched a video series, in which they explain the basic terms relating to the digital transformation. Watching this is well worth the time!

[Mittelstand 4.0 Competence Center \(SME4.0\) Kaiserslautern - YouTube](#)

Production Level 4: Warum Mensch UND Maschine das Dreamteam sind

16. Februar 2021



Audio herunterladen: MP3 | AAC | OGG | OPUS



Mensch oder Maschine? Warum es hier kein Entweder-oder gibt und wie die Produktion der Zukunft durch das Zusammenspiel von künstlicher und menschlicher Intelligenz aussieht, das erklärt Prof. Dr. Martin Ruskowski, Vorstandsvorsitzender der SmartFactory KL.

Prof. Ruskowski featured in proALPHA podcast

(German only podcast)

Production Level 4: Warum Mensch UND Maschine das Dreamteam sind

digitalgenial.podigee.io/16-neue-episode

Teaser for SME4.0 CC AI Conference

Invitations to the AI Conference to be held on March 18, 2021 are being sent by the Mittelstand 4.0 Competence Center (SME4.0) Kaiserslautern. Four experts from the software and AI industries team up with CC-KL to show how artificial intelligence can also be applied to benefit SMEs. Guest speakers include Eric Brabänder (Empolis), Jan Knieriemen (Z-Reality), Tobias Krafft (Trusted AI) and Johannes Korves (natif.ai). More information is provided in the program flyer: kompetenzzentrum-kaiserslautern.digital/wp-content/uploads/2021/02/KI-Konferenz-Flyer.pdf (German only)

PROGRAMM
18. März 2021, 14:00 – 17:00 Uhr

Der Themen KI und Digitalisierung stehen viele Mittelständler noch rechtlich abgegrenzt. Erfahren Sie von namhaften Branchenexperten, wie Sie KI in Ihren Betrieben im Mittelstand einsetzen können. Auch für Ihre individuellen Fragestellungen wir gerne Zeit eingeräumt!

Begrüßung und Einführung
Dr. Frank Heide, Co-Direktor Mittelstand, Smart4.0 KL

Spezialthema für Mittelständler – Was ist das Produktivität des Mittelstandes und wie kann diese Last mit digitalen Werkzeugen, Geschäftsprozessen und KI-Gestalt

KI, Ethik und der Mittelstand
Tobias Krafft, Geschäftsführer der Trusted AI GmbH

The Special Web – Virtuelle Messen, Events und Smartworks
Jan Knieriemen, Chief Operating Officer, Z-Reality GmbH

Der Kunde im Mittelpunkt – Optimaler Kundenservice
Dr. Frank Heide, Co-Direktor Mittelstand, Smart4.0 KL

Sponsoring
Dr. Florian Mohr & Christian Wölher

Eric Brabänder ist ein Experte in der Rolle des Chief Branding Officer und ein Mitglied der Geschäftsleitung bei Empolis, ein Mensch- und KI-gestütztes Team und Mitbegründer der Empolis Foundry, insbesondere der Cloud-Lösungen für den Kundenkontakt.

Johannes Korves ist Gründer und CEO von Natif AI, einem KI-gestützten Marketing- und Sales-Intelligence-Plattformen. Der Natif AI war in der D2D und B2B2C Welt erfolgreich, die Natif AI-Marketing in Europa revolutioniert die Digitalisierung.

Jan Knieriemen ist Co-Gründer der ZREALITY GmbH und seit 10 Jahren der führende Verantwortliche für Technologie bei der Z-Reality. Der Fokus ist die Entwicklung von KI-gestützten Lösungen für die Automatisierung und Optimierung der Geschäftsprozesse, die Identifizierung von Chancen und die Realisierung von KI-Projektschritten.

Tobias Krafft ist Direktor am Lehrstuhl für intelligenten Entscheidungsfindung und KI-Systeme & Mitglied der D2D-Kommunikation und Geschäftsführer der Trusted AI GmbH. Seit 2017 Leiter der D2D-Kommunikation, Chief Responder AI.

"Major changes in the auto industry of Rhineland-Palatinate"

This was the motto of the online forum on February 16, 2021 initiated by the Transfer Initiative RLP to address the BMWi's economic stimulus package 35c, which focuses on vehicle production & Industrie 4.0. While getting acquainted with some of the relevant research expertise in the state, approximately 80 participants learned important information about this economic stimulus program, shared practical experience concerning the handling of funding consortia, and learned about current trends and developments in the industry.



The forum also emphasized the importance of transfer as an element of the stimulus program. The RLP Transfer Initiative provides support and assistance for successful transfer projects. Interested companies and research institutes may use a matchmaking platform to find suitable consortia partners and opportunities for a mutual exchange of information, or to pitch a short project concept on March 8, 2021. Register today at kopa35c-rlp.b2match.io/.

As part of SmartFactory-KL, the RLP Transfer Initiative looks forward to welcoming you!

Interesting Links



Projekt Gaia-X - Autobau in der Cloud (German only)

www.tagesschau.de/wirtschaft/technologie/gaia-x-cloud-bundesregierung-datenstrategie

GAIA-X Projekt smartMA-X - Die Produktion aufteilen (German only)

www.it-production.com/news/maerkte-und-trends/die-produktion-aufteilen/

Production Level 4 - Smart Factory: Mit Gaia-X zur resilienten Produktion (German only)

www.industry-of-things.de/smart-factory-mit-gaia-x-zur-resilienten-produktion



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