OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG

PRODUCTIVE TEAMING

)23

sse 2023: Focus on human-centred production!

r as a team? Researchers from Chemnitz University of Technology, Fraunhofer IFF and the Digital Agency Saxony discussed these and esse 2023 on 21 April.

2023 under the guiding theme of "Industrial Transformation - Making lth of opportunities to exchange ideas about the megatrends in r visitors and participants were able to inform themselves and discus production on several conference stages, including the "Industrial tures. A highlight on the last day of the fair was the panel on y scientists from the Chemnitz-Ilmenau-Magdeburg Research and h partners, who presented their visions and ideas for the future of

n from the Digital Agency Saxony, Prof. Dr. Tina Haase from the Otto von Guericke University Magdeburg, Prof. Dr. Gunther Notni and r. Marco Ragni from the TU Chemnitz.

chines can work together as a team and what we can imagine by Prof. Ragni, as a CHIM speaker, commented on the general increasing product diversification, we need more and more individua ese challenges. However, these problem solutions should no longer o involve the machines more and more". Of course, topics such as less, teaming does not only consist of machine and AI, [...] because ary approach has to be taken," says Prof. Notni. Based on the oming more and more capable. But can these systems also adapt to n work together with humans in a team?

assistance, machines should also be enabled to work together with ns are also at the centre, i.e. in human-centred production, humans

chine in a team," said Ragni. Ortmeier added: "We see the vision and
oting to the human and becoming a partner of the human instead of

cooperation and communication, saying that the interaction between
scientists from TU Ilmenau also spoke in favour of the interaction of
ut in the same way we as humans must also understand the machine
ni.

nportance of looking at the relationship between humans and machin
ans and also put them in charge: "If we don't also empower humans t
t some point in digitalisation."

y recognise the environment, but also understand via multimodal
nd measuring stress. This is also accompanied by ethical questions
nt handling of the research results from such measurements," Prof.

nat productive teaming is of great importance in production, especially
h. "Likewise with many end products, such as in medical technology,
sions have to be made during production," Prof. Husung continues.
says, in that companies have to disassemble products again, for
s where the strengths of Productive Teaming, i.e. the competences o
support," says Husung.

Productive Teaming technology can also bring great advantages for
t also brings an advantage in that I have to think less [about problems
So once the technology catches on and the hardware can do it, it will

ine learning in manufacturing remain significant. With Productive
ol" with the help of which humans and machines could work together

annover Messe website:
eaming-die-zukunft-menschzentrierter-produktion/exp/104567
zukunft-menschzentrierter-produktion/exp/104567) .

work and Productive Teaming can be found here:› https://chim.hrz.tu-


SSE 2023
RENCE
SPONSORED BY
PLATINUM PARTNER
Portugal
servicenow
NAGANO
in JAPAN
OBSC Perfection Pvt. Ltd.
PRODUCTIVE
TEAMING


Electric
PRODUCTIVE
TEAMING


ipad
METAL TECHNICS
MEPRO
PROINVEST
PRODUCTIVE TEAMING


Institut IOF
PRODUCTIVE TEAMING


MING – DIE ZUKUNFT
RTER PRODUKTION
MING – ENGINEERING THE FUTURE OF
PRODUCTION
PRODUCTIVE
TEAMING


PRODUCTIVE
TEAMING


PRODUCTIVE
TEAMING


HUMAN-CE
Prof. Frank Ortmeier, Otto-von-Guericke-Universität
Frauke Grever, Digitalagentur Sachsen
Prof. Tina Haase, Fraunhofer IFF
Prof. Stephan Hussing, TU Ilmenau
Prof. Marco Ragni, TU Chemnitz
Prof. Gunther Notni , Fraunhofer Institut IOF
PRODUCTIVE
TEAMING


ROMANIA
PRODUCTIVE
TEAMING


PRODUCTIVE
TEAMING


SSE 2023
RENCE
SPONSORED BY
PLATINUM PARTNER
servicenow
OBSC Perfection Pvt. Ltd.
PRODUCTIVE
TEAMING


Electric
PRODUCTIVE
TEAMING


ipad
METAL TECHNICS
MEPRO
PROINVEST
PRODUCTIVE TEAMING


Institut IOF
PRODUCTIVE TEAMING


MING – DIE ZUKUNFT
RTER PRODUKTION
MING – ENGINEERING THE FUTURE OF
PRODUCTION
PRODUCTIVE
TEAMING


PRODUCTIVE
TEAMING


PRODUCTIVE
TEAMING


HUMAN-CE
Prof. Frank Ortmeier, Otto-von-Guericke-Universität
Frauke Grever, Digitalagentur Sachsen
Prof. Tina Haase, Fraunhofer IFF
Prof. Stephan Hussing, TU Ilmenau
Prof. Marco Ragni, TU Chemnitz
Prof. Gunther Notni , Fraunhofer Institut IOF
PRODUCTIVE
TEAMING


ROMANIA
PRODUCTIVE
TEAMING


PRODUCTIVE
TEAMING

Spokespersons at OVGU ▶

Prof. Dr. Frank Ortmeier
Tel.: 0391 67-52804
frank.ortmeier@ovgu.de
› Website of Prof. Ortmeier

Prof. Dr. Myra Spiliopoulou
Tel.: 0391 67-58967
myra@iti.cs.uni-magdeburg.de
› Website of Prof. Spiliopoulou

Spokespersons at TU Chemnitz ▶

Spokespersons at TU Ilmenau ▶