

SMART AND NETWORKED MANUFACTURING

5th- 6th October 2022

In our late-modern mindset, the industrial society's logic of the general, incorporated in the concepts of high volume production, is more and more replaced by the logic of the particular, the individualized, accompanied by the awareness of the need to taking care of our planet. This decade will be dominated by society's changes e.g. in the thinking of mobility, which clearly affects the production industry. Among key enabling technologies, future manufacturing will change the way people and machines physically interact taking into account safety and ergonomics. Digitalization, connectivity and interoperability are of central importance for the next generation of manufacturing systems to connect products, machines, people and the environment - aiming for operational excellence, autonomous capabilities and the creation of physical value by using information. Cyber Physical Production Systems (CPPS) ultimately represent a central entity.

The main theme of the **5th Wiener Produktions-Kongress (WPK 2022), SMART & NETWORKED MANUFACTURING**, addresses the latest trends in process and machine technology. It further integrates topics like automation as well as the use of information and communication technologies in the manufacturing environment. Resilient value-added networks, the decarbonization of production, circular material flows, and digitization have become the main topics of technology transformation in established branches of industry. The European Big Data Initiative Gaia-X is evidence of this.

I am looking forward to meeting you at the WPK 2022.



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of Production Engineering
and Photonic Technologies
TU Wien

5 . W i e n e r
Produktionstechnik
K o n g r e s s 5 . - 6 . 1 0 . 2 0 2 2

Program

Tuesday, 4th October 2022

19:00 Come Together @ TUtheSky

Wednesday, 5th October 2022

09:30 - 10:45 Opening + Keynote

11:15 - 17:45 Plenary sessions

18:30 Gala Dinner @ Kunsthistorisches Museum Vienna

Thursday, 6th October 2022

09:00 - 10:40 Keynote session

11:00 - 15:15 Parallel sessions

15:15 Networking

Congress venue:

TUtheSky | Getreidemarkt 9, 1060 Vienna, BA, 11.0G

Palais Niederösterreich | Herrengasse 13, 1010 Vienna

Kunsthistorisches Museum Vienna | Maria-Theresien-
Platz, 1010 Vienna



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For more information and registration check our website:
www.produktionstechnik.at

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