

Agenda IWG „Forschung & Technologie“

14. Februar 2023, 9:55 – 12:30 Uhr



VDMA e.V.

Forum Glastechnik

TEAMS

Dear Sir and Madam,

we would like to cordially invite you to the next meeting of the industry working group "Research and Technology" to discuss current trends and topics with professional colleagues from machinery manufacturing, from the glass industry and from science and research. Contrary to our wishes and original plans, this will take place online. Please note the following dates:

Industry Working Group (IAK) Research & Technology
on **Tuesday, February 14, 2023,**
09:55 - 12:30,
VDMA e.V.

Main topic:

CO2 neutrality in mechanical engineering

We **ask** that you **register as soon as possible** by using **your personalized link from the email** **no later** than **2/10/2023**.

With kind regards

Gesine Bergmann
Forum Glass Technology

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Chair: Dr. Christoph Hermanns, Member of the Board of the Forum Glass Technology

CO2 neutrality in (glass) mechanical engineering		
10:00 - 10:05	Welcome	
10:05 - 10:35	Climate-neutral production - don't miss the boat! Why is climate-neutral production becoming increasingly important? Who and what is driving climate neutrality? And what all is involved? Answering these fundamental questions and indicating in what form the VDMA can provide support are the basis of the event.	Hannah L. Harlos, VDMA CC Climate & Energy
10:35 - 11:05	Carbon Reduction @Suppliers by Siemens Siemens AG will reduce CO2 emissions by 20% by the year 2030. This will also be possible through the support of suppliers. They can evaluate themselves in a "Carbon Web Assessment" (CWA) and thus also define the development of their own CO2 footprint. As supplier+s, the tool enables them to move further and further up the supply chain.	Thomas Kentsch, Siemens AG
	Coffee break	



11:15 - 11:45	Industrial DC grids - a technological leap towards climate neutrality, resource conservation and grid stability Direct current technology promises great potential for industrial applications. Advantages result, for example, from the saving of conversion losses and simpler prediction of power consumption. New challenges, on the other hand, are posed for protection technology.	Dr.-Ing. Jan Stefan Michels, Weidmüller Interface GmbH & Co. KG
11:45 - 12:15	Sustainable Manufacturing with Machine Tools - Approaches to Reduce Energy Consumption in Parts Manufacturing with Machine Tools The presentation looks at the typical application scenario of machine tools. Possibilities to minimize energy consumption will be shown and solutions of the Siemens CNC equipment packages will be presented.	Andreas Grözinger, Siemens AG
12:15 - 12:30	Final discussion	
12:30	End of the event	

We look forward to you and exciting contributions and discussions.

Another online session will take place in **spring 2023**, the main topic will be **circular economy**. In **fall of 2023**, the focus **topic will be "innovation management"**.