

EMN Advanced Manufacturing

Workshop 3: The future of Metrology for Advanced Manufacturing

Euspen 23rd International Conference & Exhibition

Monday 12th June 2023

Room: S09

Time: 14:00 – 17:00

The workshop covers metrology in advanced manufacturing and is intended to encourage interaction with the community to define the current metrology gaps and the future direction of research to overcome these challenges.

Time	Item (Chair)	Speaker
14h00	Presentation of European Metrology Network (EMN) for Advanced Manufacturing (AM) (H. Bosse (PTB, DE))	
	Introduction to the EMN	H. Bosse (PTB, DE)
14h30	Metrology challenges for the Key Industry Sector (KIS) of machine tools	A. Przyklenk (PTB, DE)
	Challenges for machine tools addressed in Strategic Research Agenda (SRA)	A. Przyklenk (PTB, DE)
	Interactive questionnaire using Pingo	A. Przyklenk (PTB, DE) / A. Evans (BAM, DE)
	Feedback / open discussion	A. Przyklenk (PTB, DE)
15h30	Coffee break	
16h00	Metrology Challenges for smart manufacturing systems (D. O'Connor (NPL, UK))	
	Challenges for Smart Manufacturing Systems addressed in SRA Strategic Research Agenda (SRA)	A. Evans (BAM, DE)
	Interactive questionnaire using Pingo	A. Evans (BAM, DE) / A. Przyklenk (PTB, DE)
	Feedback / open discussion	A. Evans (BAM, DE)
17h00	End of workshop	

EMN FOR ADVANCED MANUFACTURING

<https://www.euramet.org/european-metrology-networks/advanced-manufacturing>