Agenda Final Public Workshop

Comprehensive traceability for force metrology services 24. February 2023

Time (CET)	Topic	Presenting person
10:00-10:05	Welcome	Falk Tegtmeier (PTB) Oksana Baer (PTB)
10:05-10:10	Existing infrastructure and future requirements for dynamic force traceability in materials testing	Andy Knott (NPL)
10:10-10:30	Advanced practical model for describing static and continuous forces	Jonas Sander (PTB)
10:30-10:50	Advanced practical model for describing dynamic forces	Davood Mirian (PTB)
10:50-10:05	Force measurement uncertainty on an electrodynamic shaker	Mikolaj Wozniak (RISE)
10:05-11:20	Digital twin concept of a force measuring device	Claudiu Giusca (Cranfield University)
11:20-11:40	Coffee Break	
11:40-12:00	Development of a methodology to deliver continuous force traceability for materials testing	Andy Knott (NPL)
12:00-12:15	Development of a traceability chain for multicomponent forces and moments	Andrea Prato (INRIM)
12:15-12:35	Video: Continuous calibration procedure	PTB
12:35-13:00	Development of a methodology to deliver dynamic force traceability for materials testing	Arnd Nitschke (USTUTT)
13:00-14:00	Lunch break	
14:00-14:30	Comparison of a dynamic one-dimensional-linear-testing-machine-model and multidimensional and non-linear influences	Frank Hauschild (PTB)
14:30-14:50	Video: Dynamic calibration procedure	RISE
14:50-15:00	Coffee Break	
15:00-**16:00**	Q&A session with experts	Moderation Oksana Baer (PTB) Experts Project partners