

# Latest developments in the field of Length

## CCL Workshop

9 October 2024, BIPM, 14h00-18h00 Paris Time (UTC+2)



• Welcome and Introduction	V. Coleman (CCL President)	14h00
• Digitalization activities at NIMT (invited)	J. Buajarern (NIMT, Thailand)	14h00-14h20
• Latest developments in the field of Length at INRIM.	M. Pisani (INRIM, Italy)	14h20-14h40
• Dimensional Metrology: Lessons from yesterday, shaping a better tomorrow	O. Kruger (NMISA, South Africa)	14h40-15h00
• A new stabilized laser @689 nm for multiwavelength interferometers	J. Seppä and A. Lassila (VTT MIKES, Finland)	15h00-15h20
• Autocollimators: plane angle measurand ambiguities and the impact of surface form	B. J. Eves, and I. D. Leroux (NRC, Canada)	15h20-15h40
	<b>Coffee break</b>	<b>15h40-16h00</b>
• Metrology for Nanoscale Critical Dimensions in Semiconductor Manufacturing	W-E. Fu (CMS/ITRI, Chinese Taipei)	16h00-16h20
• What are we measuring when verifying ISO GPS specifications? A measurand issue	R. Frizza, A. Balsamo (INRIM, Italy)	16h20-16h40
• Silicon gauge block calibrated by a double-sided interferometer for two-point diameter calibration of a sphere by a micro-coordinate measuring machine	A. Hirai, Y. Kondo, N. Kawashima, and Y. Bitou (NMIJ, Japan)	16h40-17h00
• Coordinate Metrology for large components in the PTB Competence Center for Wind Energy (CCW)	A. Przyklenk (PTB, Germany)	17h00-17h20
• Complex form measurement using scanning coordinate measuring machine	O. Sato (NMIJ, Japan)	17h20-17h40
• Testing of evaluation software used in coordinate and gear metrology	F. Keller (PTB, Germany)	17h40-18h00
• Closing remarks	V. Coleman (CCL President)	18h00