

2024 APMP TCL-TCMM Joint Workshop

“Dimensional and Material Metrology Enabling Advanced Manufacturing”

Saturday, November 23, 2024

Local Time in New Delhi India: 9:30~17:30, (UTC 4-12)

AGENDA, November 23, 2024

| Time | Activities | Speakers/ Participants/Contact |
|-------------|--|---|
| 9:30-10:00 | Dimensional Metrology for Supporting Additive Manufacturing Process | Dr. S.H. Wang, NMC/A*STAR, Singapore |
| 10:00-10:30 | Dimensional deviations in additive manufacturing | Dr. Girija Moona, CSIR-NPL, India |
| 10:30-11:00 | Coffee/Tea break | |
| 11:00-11:30 | Industry Talk | Dr. Makato Abe/Mr. Harrish Bajaj, Mitutoyo South Asia Pvt. Ltd. |
| 11:30-12:00 | In-Line Metrology for Advanced Manufacturing | Dr. W.E. Fu, CMS/ITRI, Chinese Taipei |
| 12:00-13:00 | Open Discussion | All |
| 13:00-14:00 | Lunch | |
| 14:00-14:30 | Measurement of the Refractive Index of a Spherical Lens | Dr. Achaya Teppitaksak, NMIT, Thailand |
| 14:30-15:00 | Dimensional accuracy and print resolution of Material extrusion and Digital Light Processing Additive Manufacturing techniques using a test artifact: A comparative study" | Dr. Vijaykumar Toutam, CSIR-NPLI, India |
| 15:00-15:30 | Applying Particle Size and Morphology Analysis for R&D and QC in the Additive Manufacturing Processes | Dr. Ching-Hsuan Chang, CMS/ITRI, Chinese Taipei |
| 15:30-16:00 | Coffee/Tea break | |
| 16:00-16:30 | Bhartiya Nirdeshak Dravya (BND) : Indigenous CRM developed at NPLI | Dr. S.P. Singh, CSIR-NPLI, India |
| 16:30-17:00 | Open Discussion | All |