



Takashi Usuda

Dr Takashi Usuda is Director General of the National Metrology Institute of Japan (NMIJ). He was elected to the International Committee for Weights and Measures (CIPM) in 2012. He is the CIPM Secretary since 2019.

Dr Usuda developed a laser interferometer for the national measurement standard of vibration acceleration. The laser interferometer enables high resolution and robust characteristics against vibration noise. He also established the national calibration programme for vibration acceleration in Japan. His achievements improved the Japanese metrology standard of vibration measurement and ensured the traceability of vibration measurements in industry to the national standard. In recognition of the achievements, he was awarded the Ichimura Prize in Technology, one of the most prestigious awards for scientist in Japan.