

## Dr. Alessandro Balsamo

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Alessandro Balsamo is senior scientist (Dirigente di Ricerca) at the INRIM – National Institute of Research in Metrology, which he joined in 1988. He served as Head of Division, Secretary of the Scientific Council and TTO (Technology Transfer Officers). He is specialist in dimensional metrology with a further specialisation in coordinate metrology. These measurement technologies are of direct interest to industry, and his activity has been in continuing dialogue with companies and attentive to the industrial needs of tomorrow.



Balsamo is member of the CIPM-CCL (Consultative Committee for Length of the International Committee of Weight and Measures), the highest authority within the Metre Convention in the field of length metrology. He chairs two Working Groups: (1) CCL-WG MRA (Mutual Recognition Arrangement) in charge of administrating the MRA in the field of Length, to demonstrate the worldwide equivalence of the national measurement standards and of the calibration and measurement certificates issued by the NMIs (National Metrology Institutes); (2) CCL-WG CM (Coordinate Metrology) in charge of supporting the CCL through strategic advice and technical guidance on how to meet the MRA requirements in coordinate metrology.

He has been deeply involved in standardisation since 1994. He is member of the ISO/TC 213 *Dimensional and Geometrical Product Specifications and Verification* in charge of ISO GPS, the system of standards that rules the geometrical definition of products from the design stage (tolerances) to the verification stage (inspection and acceptance testing). He is convenor of the ISO/TC 213/WG 4 *Uncertainty of Measurement and Decision Rules* and leader of the SPTF (Strategic Planning Task Force) within the WG 10 *Coordinate Measuring Machines*. He was project leader of three published International Standards and a Technical Specification and currently is of two International Standards.

He was among the founders of euspem *European Society for Precision Engineering and Nanotechnology*, as a partner of the EU-funded project (1998/2001) that fostered its establishment. He then served in the Council for two terms.

Alessandro Balsamo was among the founders also of the EURAMET EMN *AdvanceManu*, the European Metrology Network for Advanced Manufacturing of EURAMET (the European Association of National Metrology Institutes). He then served as Vice-Chair.

He founded the *Associazione CMM Club Italia* in 1997 and has been President since. It is aimed to knowledge transfer to industry in the field of coordinate and dimensional metrology and provides a network to the national community in coordinate metrology, including instrument manufacturers, users, service providers and scientists.

He joined the CIRP as Corresponding Member (today's Associate Member) in 1992 and became Fellow in 2005. He served as STC (Scientific-Technical Committee) officer (Technical Secretary, Vicechair and Chair), in the Nomination Committee (in charge of nominating the new members of the Academia) and the Council.

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