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Short biography

Professor Andreas Archenti is conducting research in the field of Precision Engineering and Dependability and he is currently the unit leader for the Manufacturing and Metrology Systems unit at KTH Royal Institute of Technology in Stockholm, Sweden. He received his MSc (2007) in Mechanical Engineering focusing on mechatronics and PhD (2011) in Production Engineering focusing on machine tool metrology and statistical dynamics, and was appointed Docent (habilitation) (2014) in Precision Manufacturing and Metrology at KTH. Professor Archenti's main research interests are in design and characterization of precision machinery and metrological instruments and the development of novel methods for machine tool testing and robot calibration.

Professor Archenti is a member of the editorial board for the Precision Engineering; Nanomanufacturing and Metrology; and Modern Machinery Science Journals. He is an associate member of CIRP (the International Academy of Production Engineering) and vice-chairman for Scientific Technical Committee Precision Engineering and Metrology (STC-P). As the Director of center for Design and Management of Manufacturing Systems - DMMS, Professor Archenti is responsible for coordination of activities in research, education, and information dissemination between academia and manufacturing industry in Sweden. His efforts have earned him the ABB Alde Nilsson Foundation award for excellence in production research.

Professor Archenti has been a council member of the European Society for Precision Engineering and Nanotechnology for 3 years.