



Dr Andreas Archenti

PROFESSOR

KTH Royal Institute of Technology in Stockholm, Sweden

### **Short CV**

Dr Andreas Archenti is chair professor in Dependability focusing on Precision Engineering and Metrology at KTH. He received his M.S. (2007) in Mechanical Engineering, and PhD (2011) in Machine and Process technology, and was appointed docent (2014) in Precision Manufacturing and Metrology at KTH. After some years in the industry he joined the academy to build up his research group within Precision Engineering and Metrology and from 2018 he is dividing his time between at the newly established research group at the department of Sustainable Production Development (KTH Södertälje campus) and research at the department of Production Engineering (KTH Valhallavägen campus in Stockholm).

As a Guest Researcher at the National Institute of Standards and Technology (NIST) in USA he has further expanded his work by conduction research on integrated metrology for intelligent systems. The work seeks to develop methodology, protocols, and reference datasets to enable robust real-time diagnostics and prognostics for smart manufacturing systems. As director of center for Design and Management of Manufacturing Systems (DMMS) at KTH, Dr Archenti is responsible for coordination of activities in research, education, and information dissemination between academia and manufacturing industry. Further, he is an associate member of CIRP (the International Academy of Production Engineering) and vice-chairman for Scientific Technical Committee on Precision Engineering and Metrology (STC-P). His efforts have earned him the ABB Alde Nilsson Foundation award for excellence in production research (2011).