Editorial

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Biographical notes: J. Paulo Davim received his PhD in Mechanical Engineering in 1997, MSc in Mechanical Engineering (Materials and Manufacturing Processes) in 1991, Mechanical Engineering degree (five years) in 1986, from the University of Porto (FEUP), the Aggregate title (Full Habilitation) from the University of Coimbra in 2005 and DSc from the London Metropolitan University in 2013. He is a Eur. Ing. from the FEANI-Brussels and Senior Chartered Engineer from the Portuguese Institution of Engineers with an MBA and specialist title in engineering and industrial management. He is currently a Professor at the Department of Mechanical Engineering from the University of Aveiro, Portugal. He has more than 30 years of teaching and research experience in manufacturing, materials, mechanical and industrial engineering, with special emphasis in machining and tribology. He has also interests in management, engineering education and higher education for sustainability.

Measurement science is an essential part of modern technology, but your definition it is not easy. In the classical definition, measurement is "the assignment of a number to a characteristic of an object or event, which can be compared with other objects or events." For this purpose, an improvement of the technical capability to use the concept of measurement is very important for the modern industry.

The purpose of this special issue is to present a collection of examples illustrating some advances in measurement science and technology.

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