



# Manufacturing 2075

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## Didier Dumur

**Professor, head of Control Department,  
CentraleSupélec. 2018-2019 President of CIRP  
(International Academy for Production  
Engineering)**

Prof. Dr.-Ing. Didier Dumur received the engineering degree in electrical engineering with specialization in automatic control from Supélec, France, in 1985. He received in 1993 the Ph.D. degree in control and the “Habilitation à Diriger des Recherches” in 2002, both from Université Paris Sud Orsay, France. He became in 2003 full Professor at Control Department, Supélec, now CentraleSupélec, and is Head of the Control Department of CentraleSupélec since 2012.

Prof. Dumur joined CIRP (International Academy for Production Engineering) in 1991 and became Fellow in 1998. He is since 2001 Secretary General Treasurer of CIRP and member of the CIRP Board. He has been elected 2018-2019 President of CIRP.

His scientific interests and research areas mainly lie in the field of developing open architectures for CNC machine-tools, with special focus on advanced control strategies aiming at improving in particular contour accuracies. He is active promoter for many years of predictive control applied to CNC drives of machine-tools. His expertise in this field is currently applied to the design of specialized machines for additive manufacturing.

He has published and coauthored more than 300 scientific papers in journals and proceedings of international conferences, 12 books and book chapters, and supervised 40 PhD students.