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Presenter:
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About the presenter
Professor Hugues Garnier received the M.S. degree in Control Engineering and Signal Processing in 1993, and the Ph.D. degree in Automatic Control in 1995, both from Université Henri Poincaré, Nancy 1, France. He has been with the Centre de Recherche en Automatique de Nancy at the Université Henri Poincaré, Nancy 1 since 1993, where he is currently a Professor.

From Sept. 2003 to Aug. 2004, he visited the Centre for Complex Dynamic Systems and Control, University of Newcastle, Australia. In 2006 and 2007, he has held visiting positions at different universities in Australia including the University of Newcastle, the Royal Melbourne Institute of Technology and the University of Technology in Sydney.

Professor Garnier is currently the leader of the System Identification and Signal Processing research group at the Centre de Recherche en Automatique de Nancy. He is a member of the IFAC Technical Committee "Modelling, Identification and Signal Processing" and of the IEEE technical committee "System Identification and Adaptive Control". He is also a member of the International Program Committee for the IFAC Symposium on System Identification (SYSID).

Professor Garnier's main research interest is related to the analysis and modelling of stochastic dynamical systems. This includes time series analysis and prediction, parameter estimation and system identification.

He has written several recent contributions on new techniques for continuous time model identification from sampled data. He is also behind CONTSID, a Matlab toolbox for continuous time system identification. He is a member of
the Editorial Board of International Journal of Control and was the lead editor of the book entitled "Identification of continuous time models from sampled data", Springer Verlag, London, 2008.