

Biography

Jacqueline M. A. Scherpen received her MSc (1990) and Ph.D. (1994) degree in applied mathematics from the University of Twente, The Netherlands. She was faculty at Delft University of Technology until 2007. Since 2006, she is professor at the Jan C. Willems Center, ENTEG, Faculty of Science and Engineering, University of Groningen. From 2013-2019, she was scientific director of ENTEG. She is currently director of Engineering at the University of Groningen.

She has been guest research at the University of Tokyo, Japan, at the Université de Compiègne and École Supérieure d'Electricité, Paris, France, and with Old Dominion University, VA, USA. Her research interests include model reduction for networks and nonlinear systems, modeling and control of physical systems with applications to electrical circuits, mechanical systems, and grid/network applications including distributed optimal control.

Dr. Scherpen has been an Associate Editor for the IEEE Transactions on Automatic Control, International Journal of Robust and Nonlinear Control (IJRNC) and the IMA Journal of Mathematical Control and Information, and is in the editorial board of IJRNC. She has been and is IPC chair of various conferences. She is fellow of IEEE, appointed Knight in the Order of The Netherlands Lion, and received the best paper prize of Automatica in 2020. She is currently Captain of Science of the Dutch High Tech Systems and Materials top sector, is member of the board of the Dutch Institute of Systems and Control (DISC), is active at the IEEE Control Systems Society, member of the IFAC council 2020-2023, Past President of the European Control Association (EUCA) 2022-2023, and Chair of the SIAM Activity Group Control and Systems Theory 2022-2023.