

Biography

Marc Moonen obtained his PhD degree from KU Leuven, Belgium, in 1990, and has been a Full Professor at KU Leuven, since 2004. Prior to this, he held postdoctoral, and assistant/associate professor positions at KU Leuven, was a PhD- and postdoctoral visiting researcher at the University of Stanford, University of Minnesota, and Delft University of Technology, and visiting professor at ALaRI, University of Lugano.

He was head of STADIUS Center for Dynamical Systems, Signal Processing, and Data Analytics for eight years (2013-2021), a KU Leuven research division with 10+ professors and 150+ PhD- and postdoctoral researchers.

His research is in the field of numerical algorithms and signal processing for digital communications, digital audio- and speech processing. He has supervised/co-supervised 60 defended PhD-theses, authored/co-authored 300+ journal papers (175+ in IEEE journals) and 400+ international conference papers (150+ in IEEE conferences).

His research has consistently had a strong industry focus, e.g., with over twenty years of ongoing cooperation in the area of digital subscriber lines with Nokia Bell Labs (formerly Alcatel-Bell/Alcatel-Lucent) and in the area of hearing instruments and cochlear implants with Cochlear Ltd. He is also a co-founder of [conneXounds \(www.connexounds.com\)](http://www.connexounds.com), a company developing BYOD audio technology for hybrid meeting environments.

He is an IEEE Fellow (2007) and a Fellow of EURASIP (2018). He received the EURASIP Meritorious Service Award (2020) and the IEEE Signal Processing Society Claude Shannon-Harry Nyquist Technical Achievement Award (2024), and was co-recipient of the EU/CELTIC Excellence Award (2008) and 10 journals/conference best paper awards.

He served as IEEE Signal Processing Society (SPS) Vice President-Publications (2021-2023), as member-at-large of the SPS Board of Governors, as member of the SPS Awards Board, the SPS Fellow Reference Committee, the SPS Nominations and Appointments Committee, the SPS TC on Signal Processing for Communications, the ICASSP-2008 Organizing Committee, and as Chair of the SPS Benelux Chapter. He was a member of the editorial board of the Transactions on Circuits and Systems-II, the Signal Processing Magazine, and area editor for 'Feature Articles' for the Signal Processing Magazine.

He was President of EURASIP (European Association for Signal Processing) for four years (first term 2007-2008, second term 2011-2012). He served on the EURASIP Board of Directors for altogether sixteen years, also as Treasurer/Secretary and as Director for Publications. He served as Chair of the EURASIP Fellow Selection Committee, and as member of the EUSIPCO-2010 and EUSIPCO-2015 Organizing Committee. He was Editor-in-Chief for the EURASIP Journal on Advances in Signal Processing, and was member of the editorial board of the EURASIP Journal on Advances in Signal Processing, EURASIP Journal on Wireless Communications and Networking, and Elsevier Signal Processing.