

Peter H.N.de With

Peter H.N.de With received his PhD (1992) from Univ. of Technology Delft, The Netherlands (NL). In the period 1984-1997, he worked for Philips Research Eindhoven (NL) on video compression and chaired a cluster for programmable TV architectures as senior TV Systems Architect. In 1997-2000, he was full professor at the Univ. of Mannheim, Germany, on Computer Engineering. For the succeeding 7 years till 2007, he was working in software companies (CMG, Logica) and acted as a principal consultant and distinguished business consultant. He was also part-time professor at the Eindhoven Univ. of Technology, heading the chair on Video Coding and Architectures in the Signal Processing Dept. In 2008-2010, he was VP Video Analysis at Cyclomedia Technology and established video analysis within the company. Since 2011, he is full professor at Eindhoven Univ. of Technology, faculty Electrical Engineering, chairing the VCA group and till 2018 scientific director of the Centre for Care and Cure Technologies within the EE faculty. He is also international expert in video analysis for healthcare and safety and security applications, and has been involved in multiple EU projects on video analysis, object and behavior recognition with the industry. Prof. De With is Fellow of the IEEE (2007), member of the Royal Holland Society of Sciences and Humanities, and recently became Life Fellow of IEEE (2023). He has (co-) authored over 700 papers on video coding, 2D/3D video analysis, architectures, and their realization. He is (co-)recipient of multiple paper awards of the IEEE CES, VCIP, IS&T and IEEE Transactions papers.