

Dr. Heylen Nancy

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Nancy Heylen, Ph.D. is an R&D team lead in the CMP group of the Unit Process and Module division at Imec in Belgium. She has been working at IMEC since March 1997 and within a timeframe of more than 25 years she has been mainly involved in the process development of metal CMP steps and post-CMP cleaning processes starting from the 0.35 μm down to the 14A technology node. The last few years she was, as a senior R&D engineer, mainly involved in the development of metal CMP process steps (Cu, Ta, Co, Mo, Ru, binary metal) for 3Di and nano interconnect technology. She has started a new role as R&D team lead of the CMPPMEC team in 2023.

She received her Ph.D. degree in Chemistry at the University of Leuven, Belgium in 1996.