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ON MANUFACTURING TECHNOLOGY 2024

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## **Dr. Mihaela-Ioana Popovici**

(Imec, Belgium)

Dr. Mihaela I. Popovici is a Principal Member of the Technical Staff within the Memory Materials group of Materials – Interfaces - Deposition - Analysis department at imec, research institute for nano-electronics and digital technologies in Leuven, Belgium. Her current scientific work focuses on the design of complex ferroelectric and dielectric oxide multilayer stacks with applications in Ferroelectric Memories. She joined imec in 2007, where initially largely contributed to the development of high-k dielectrics and metals grown by atomic layer deposition, with applications in DRAM MIM capacitors. Prior to this appointment, Mihaela Popovici was Marie-Curie postdoctoral fellow at Philips Research Eindhoven Netherlands, following her PhD research work in sol-gel nanocomposite magnetic oxides at the Romanian Academy Timisoara, and at ICMAB- Institute of Materials Science, Barcelona, Spain. She received her PhD in Materials Science and Engineering in 2004 at “Politehnica” University of Timisoara, Romania, where she previously studied for her BSc and MSc in Chemical Engineering. During her career, together with the teams she worked with, has demonstrated the ability to bring innovation, illustrated by her patent and publication track record: (co)-authored 19 patents and over 100 scientific publications.