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Adrie Mackus (1985) is an assistant professor in Applied Physics at Eindhoven University of Technology, TU/e. He earned his M.Sc. and Ph.D. degrees (both with highest honors) in Applied Physics from TU/e in 2009 and 2013, respectively. His PhD thesis “*Atomic layer deposition of platinum: from surface reactions to nanopatterning*” focused on development of novel approaches for nanopatterning based on area-selective atomic layer deposition (ALD). Adrie worked as a postdoc at the department of Chemical Engineering at Stanford University in 2014-2016, for which he received a personal Rubicon grant in 2014 from the Netherlands Organization of Scientific Research (NWO). At Stanford he studied the reaction mechanisms of ALD of ternary materials using in situ techniques. Adrie returned to TU/e in 2016 for a position as an assistant professor in Applied Physics, where he received tenure in 2019. His current research encompasses thin film deposition and etching for applications in nanoelectronics, with a focus on selective processing for bottom-up fabrication. Adrie chaired the 2nd Area Selective Deposition workshop (ASD2017) in Eindhoven in 2017. In 2020 he was awarded a prestigious VIDI grant from NWO and a Starting Grant from the European Research Council (ERC).