

## **Raffaella Calarco**



She received her Master's degree in Physics in 1996 from the University of Rome Tor Vergata. She holds a Ph.D. in Material Science in 2001 from the University of Rome La Sapienza. From 2000 to 2001 she worked as a Post-Doc at the University of Aachen (RWTH). From 2001 to 2010 she was with the Research Center Jülich, Germany, at first in the "Tenure-track"- excellence program and then as a Senior Research Scientist, focusing on III-nitride nanowires. In 2010 she received the Habilitation in Physics from the RWTH Aachen and in 2012 from the Humboldt University in Berlin. In 2013 she obtained the Habilitation to full Professor competitions in Italy. Since September 2010 she is with PDI, her current research interests include on the one hand epitaxy of III-nitride nanostructures and layers on the other hand epitaxial growth of phase-change materials for memory applications. She is author or co-author of about 127 publications, 27 proceedings, 63 invited talks, 4 book chapters, 6 invited review papers, and 2 patents 1 sold to Micron Technology. She has about 4099 citations and her current Hirsch index is 34 (source: Google Scholar). She received the Ovshinski Lectureship Award 2017 - Prize for Excellence in Chalcogenides for her exceptional work on epitaxial phase change materials.