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Bio and Interests:

Dr. Isabelle Ferain has a PhD in Electrical Engineering, and is staff researcher at the Ultimate Silicon Devices group at Tyndall-UCC. She received the PhD degree from the Katholieke Universiteit Leuven and gained experience in semiconductor devices fabrication at Alcatel and at IMEC (Interuniversity Microelectronics Centre, Belgium). Her expertise lies in the fabrication and electrical characterization of multiple-gate transistors and she has developed the fabrication process for the first short channel junctionless nano-wire transistor. She has authored or co-authored more than 80 peer-reviewed publications and conference contributions, has co-authored 3 book chapters, has edited a special issue in Solid-State Electronics (Elsevier) and had 3 invited contributions as lecturer in the field of nano-technologies.

Working

in

Project(s):

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