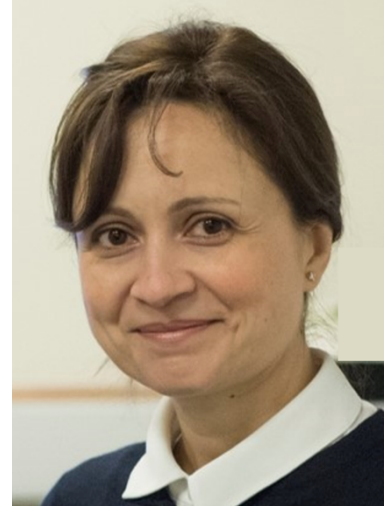


Amalia Patanè



Presentation title

From epitaxy to science and technologies of metal chalcogenide van der Waals crystals.

Prof. Patanè studied at the University of Rome “La Sapienza” where she graduated with first-class honours in Physics in 1994 and obtained a PhD in 1997.

She worked as an EPSRC Research Associate (1998-2002) at the University of Nottingham, appointed Lecturer at Nottingham in 2002, and later promoted to Associate Professor (2006) and Professor of Physics (2011). Her research focuses on the quantum behavior of electrons in semiconductors, most recently on van der Waals crystals. Her research achievements were recognized by the Sir Charles Vernon Boys Medal and Prize of the Institute of Physics (2007), an EPSRC Advanced Research Fellowship (2004-09), a Leverhulme Trust Research Fellowship (2017-19), and the Chinese Academy of Sciences President’s International Fellowship (2018).

She is Vice-Chair of the International Union of Pure and Applied Physics Commission (IUPAP, Semiconductor Commission 2018-20) and a member of the Council Board of the European Magnetic Field Laboratory (2015-20).