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Oana D. Jurchescu is a Baker Professor of Physics at Wake Forest University in Winston-Salem, North Carolina, USA and a fellow of the Royal Society of Chemistry. She received her PhD in 2006 from University of Groningen, the Netherlands, and was a postdoctoral researcher at the National Institute of Standards and Technology, USA. Her expertise is in charge transport in organic and organic/inorganic hybrid semiconductors, device physics and semiconductor processing. She is the recipient of several awards, including the CAREER award from the National Science Foundation, NSF (2013), the NSF special creativity award (2022), and the Pegram Award from American Physical Society for excellence in teaching and mentoring (2022). She is an associate editor for Journal of Materials Chemistry C (RSC) and Science Advances (AAAS) and serves as a member of the Advisory Board of Chemical Physics Reviews, Organic Electronics, and J. Phys Materials.