

# Speaker Profile

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## Professional summary

Salvador Pané i Vidal (Barcelona, 1980) is Professor of Materials for Robotics at the Institute of Robotics and Intelligent Systems and co-director of the Multi-Scale Robotics Lab at ETH Zürich. He holds BSc, MSc and PhD degrees in Chemistry from the Universitat de Barcelona. His research bridges chemistry and electrochemistry with small-scale robotics, focusing on magnetic, piezoelectric and magnetoelectric materials, as well as conductive polymers and hydrogels for targeted drug delivery and cell stimulation. He has authored over 250 publications and coordinated EU projects such as MANAQA and ANGIE. His work has been supported by ERC Starting, Consolidator and Proof-of-Concept Grants and has received distinctions including the MARSS Big-on-Small Award and the 2024 Prototypes for Humanity Award for ANGIE. Pané serves on the editorial boards of Applied Materials Today and Small Science, represents Switzerland in EAST, and co-founded Magnes AG, Oxyle AG and Swiss Vascular GmbH.