



Prof. Themis Prodromakis

University of Edinburgh, Regius Chair of Engineering and Director of the Centre for Electronics Frontiers

Themis Prodromakis holds the [Regius Chair of Engineering](#) at the University of Edinburgh and is Director of the Centre for Electronics Frontiers. His work focuses on developing metal-oxide [Resistive Random-Access Memory technologies](#) and related applications and is leading an interdisciplinary team comprising 30 researchers with expertise ranging from materials process development to electron devices and circuits and systems for embedded applications.

He holds a [Royal Academy of Engineering Chair in Emerging Technologies](#) and a Royal Society Industry Fellowship. He is an Adjunct Professor at UTS Australia, visiting Professor at the Department of Microelectronics and Nanoelectronics at Tsinghua University, and Honorary Fellow at Imperial College London. He is Fellow of the [Royal Society of Chemistry](#), the [British Computer Society](#), the [JET](#) and the [Institute of Physics](#) and is also Senior Member of the IEEE. He served as the Director of the [Lloyds Register Foundation International Consortium for Nanotechnology](#) and Co-Director of the UKRI Centre for Doctoral Training in Machine Intelligence for Nano- Electronic Devices and Systems (MINDS).

In 2015, he established [ArC Instruments Ltd](#) that delivers high-performance testing infrastructure for automating characterisation of novel nanodevices in over 21 countries and in 2019 he founded [SoneT.ai](#) that is building new power-efficient AI hardware solutions.

His contributions in memristive technologies and applications have brought this emerging technology one step closer to the electronics industry for which he was recognised as a [2021 Blavatnik Award UK Honoree in Physical Sciences and Engineering](#).

Themis has received his PhD degree in Electrical and Electronics Engineering from Imperial College London, in 2008.