

Delegation - Australia



Aron Michael
UNSW Sydney, Senior Lecturer



UNSW
SYDNEY

Dr. Aron Michael is currently a Senior Lecturer and Director of Academic Studies at the School of Electrical Engineering and Telecommunication, The University of New South Wales Sydney. He leads MEMS research group under Microsystem research discipline. His research field of interest covers sensors and actuators, piezoelectric actuators for micro-optics, MEMS-based optical switching and interconnects, low thermal budget silicon technologies for MEMS CMOS integration, development of miniaturized high-speed parallel AFM systems on single chip, and flexible electronics. He has supervised 12 PhD students (7 to completion and 5 in the pipeline) and has been awarded more than \$3M grants in his career majority as lead chief investigator.

He has published 2 scientific books and more than 100 peer-reviewed papers (Nature Partnered Journal Microsystems & Nanoengineering, Nature Partnered Journal Flexible Electronics, Sensors and Actuators A: Physical, IEEE Journal of MEMS, Nanotechnology, IEEE Sensors, etc) and held 7 invention patents.

Presentation Title: Low Thermal Budget Thick Polysilicon for MEMS and CMOS-MEMS Integration