

2022 ANFF SHOWCASE

FOUNDATION OF GROWTH

SPEAKER LIST | CLIENT SUCCESS STORIES

Name	Organisation/University	Abstract title
TECHNOLOGY FOR THE FRONTIER		
Dr Jihua Zhang	Australian National University	Tiny metasurface quantum optical elements
Prof Heike Ebendorff-Heidepriem on behalf of CK Singla	Flawless Photonics Pty Ltd	The ultimate maker space
Dr Tuomas Haggren	Australian National University	Metasurface light-emitters
Prof Udo Bach	Monash University	High-Throughput Energy Materials Discovery
Prof Lan Fu	Australian National University	III-V semiconductor nanowire array based gas sensors
Prof Andrew Dzurak	University New South Wales	Making Quantum Computing Truly Scalable
TECHNOLOGY FOR THE PEOPLE		
Dr Amanda Kijas	University of Queensland	Snake Venom Hydrogels for Uncontrolled Bleeding
Dr Xuan Wu	South Australia	Crystal Clear Water
Dr Shayanti Mukherjee	Hudson Institute of Medical Research and Monash University	Ovine Model Assessment of Surface Modified Degradable Nanofiber Meshes for Urogynaecological Application
Dr Grant Van Riessen	Latrobe	Progress Towards an X-ray Nanolithography Facility
Dr Michal Zawierta	The University of Western Australia	Spectrally Adaptive Low-SWaP Optical Filter Technology for Field-Portable Applications
Reem Almasri	University of New South Wales	Shining a light on brain function
Dr Anna Waterhouse	University of Sydney	Creating safer surfaces for life saving medical implants
Prof Lorenzo Faraone on behalf of Prof Kevin Fynn	University of Western Australia	Better farming and gardening through drone technology
Khatereh Edalati	University of Melbourne	Diamond application in medical industries
Dr Phu Duy Tran	University of South Australia	Preeclampsia hand-held diagnostic device
Amber Prior	University of Queensland	Understanding Nanoparticle Accumulation in a Complex in vitro Tumour-on-a-chip Model
Hao Zhe Yoh	Monash University	Engineered polymeric nanostructure arrays for mediating intracellular delivery
TECHNOLOGY FOR THE PLANET		
Dr Deirdre Feeney	University of South Australia	MirrorMirror: a moving image system artwork using optical mechanics and micro-fabrication techniques
Dr Majid Ebrahimi Warkiani	University of Technology Sydney	Microfluidic systems using 3D printing
Prof Nicolas Nicolaidis on behalf of Dr Ben Vaughan	University of Newcastle	The Charge Around Australia (CAA)
A/Prof. Jarek Antoszewski	University of Western Australia	Narrow bandgap HgCdTe technology for IR sensing and imaging focal plane arrays
Dr Dylan Hegh	Institute of Frontier Materials – Deakin University	Wearing waste
Ahmed Rashed	Deakin University	Catalytic membrane reactor engineering

+ CONTACT

Matthew Wright
Administration Manager

ANFF
P: (03) 9902 9619
E: info@anff.org.au



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