

ACES Symposium: The Legacy Program

Thursday 2nd – Friday 3rd December 2021

All Times Listed are Australian Eastern Daylight Time (AEDT)

Day 1: Thursday 2 December 2021	
Alumni Session 1 - Chair: Prof Gordon Wallace	
12:50pm	Dial into Zoom - https://uow-au.zoom.us/j/84948049563 Password - 222896
1:00pm	Prof Gordon Wallace, ACES Director: <i>Opening Remarks (10 min)</i>
1:10pm	Dr Ali Jalili, University of New South Wales (10 min talk + 5 min Q&A) <i>From Graphene Fibers to Sustainable Ammonia Production</i>
1:25pm	Dr Lilith Caballero Aguilar, Swinburne University (10 min talk + 5 min Q&A) <i>Advanced Drug Delivery Structures</i>
1:40pm	Dr Katrina Hutchison, Sydney University (10 min talk + 5 min Q&A) <i>Balancing clinical and commercial goals in medical device innovation: an ethical challenge</i>
1:55pm	Dr Amy Gelmi, RMIT (10 min talk + 5 min Q&A) <i>There and Back Again: From PhD to PI</i>
2:10pm	Dr Charbel Tawk, University of Wollongong (10 min talk + 5 min Q&A) <i>3D Printable Soft Actuators and Sensors for Diverse Applications</i>
2:25pm	Dr Peter Sherrell, University of Melbourne (10 min talk + 5 min Q&A) <i>1D, 2D, 3D: A Nanomaterial Journey</i>
2:40pm	Break (20 min)
Burster Session - Chair: Prof Jenny Pringle	
3:00pm	Jawairia Khan, University of Wollongong (8 min talk + 2 min Q&A) <i>Integration of Fiber-based electrofluidics with wireless bipolar electrochemistry towards low-cost analysis</i>
3:10pm	Inseong Cho, University of Wollongong (8 min talk + 2 min Q&A) <i>Interfacial charge transfer kinetics: molecular structural effects and critical measurement technique</i>
3:20pm	The An Ha, Deakin University (8 min talk + 2 min Q&A) <i>Design of Carbon Based Air Cathodes For Sodium Oxygen Batteries Using Ionic Liquid Electrolytes</i>
3:30pm	Luciana Daikuara, University of Wollongong (8 min talk + 2 min Q&A) <i>3D printed platelet lysate-based bioink for potential application in skin tissue engineering</i>
3:40pm	Xifang Chen, University of Wollongong (8 min talk + 2 min Q&A) <i>Skin Bioprinting Using Sulfated Polysaccharide Ulvan</i>
3:50pm	Linda Wollersheim, Deakin University (8 min talk + 2 min Q&A) <i>Empowering end-users: Community-focused renewable energy technologies and services for a just and resilient zero carbon world</i>
4:00pm	Day 1 Finish

Day 2: Friday 3 December 2021

Innovation and Entrepreneurship Session – Chair: Dr Tillmann Boehme

8:50am	Dial into Zoom - https://uow-au.zoom.us/j/84948049563 Password - 222896
9:00am – 10:30am	iTranscribe PTY LTD: Specialised hardware coupled with advanced AI models for transcribing noisy domestic violence recordings Eileen Wallace, Helen Simpson, Bongani Munkuli, Simon Pulawski and Jiahong Zhao
	Hydrogen 1.23: Connecting the world to green hydrogen Shanika Abeysooriya, Aaron Hodges, Charulakshmi Thiruvurravishankar, Azra Sourjah and Thomas Green
	Shark Deter: For a peace of mind in the surf Carly Baker, Benjamin Carr, Sujani Abeywardena, Nuwangi Cooray and Ying Guo
10:30am	Break (30 min)
Alumni Session 2 – Chair: Prof David Officer	
11:00am	Prof David Officer, University of Wollongong (20 min talk) <i>ACES: The Legacy</i>
11:20am	Dr Cameron Ferris, Inventia life Sciences (10 min talk + 5 min Q&A) <i>How did I get here?</i>
11:35am	Prof Qi Gu, Beijing Institute for Stem Cell and Regenerative Medicine (10 min talk + 5 min Q&A) <i>My Journey from Stem Cells (China) to 3D Printing (Australia) and then to Bioinspired Engineering (China)</i>
11:50am	Dr Daniela Duc, Swinburne University (10 min talk + 5 min Q&A) <i>A Research Journey with ACES</i>
12:05pm	Dr Matthew Griffith, Sydney University (10 min talk + 5 min Q&A) <i>Under the Influence: The Effect of ACES on Establishing a Research Career</i>
12:20pm	Break (10 min)
Special Session – Chair: Prof Susan Dodds and Prof Gordon Wallace	
12:30pm – 1:30pm	Panel Discussion: Towards a Translational Framework Prof Gursel Alici (University of Wollongong), Dr Hao Zhou (University of Wollongong), Dr Mary Walker (La Trobe University), Dr Alexandr Simonov (Monash University), Linda Wollersheim (Deakin University), Dr Cristina Pozo-Gonzalo (Deakin University), Rabeeh Gol (Deakin University) and Prof Linda Hancock (Deakin University)
1:30pm	Professor Maria Forsyth, ACES Associate Director: Closing Remarks (10 min)
1:40pm	Day 2 Finish