

CET Research Day Program 2024, Tuesday 10th December - Adelaide Zoo

8:45am - 9:00am		
REGISTRATION AND COFFEE		
Session 1:	Welcome and Overview	Chair: Ros de Garis
Time	Topic	Speaker
9:00am - 9:05am	Opening comments from the Chair	Ros de Garis
9:05am - 9:10am	Welcome and Overview from CET Interim Director	Prof Greg Metha
9:10am - 9:30am	Overview of University of Adelaide and CET	Prof Gus Nathan
9:30am - 9:50am	Driving Energy Innovation: An Overview of UniSA's Research	Prof Frank Bruno
9:50am - 10:20am	One minute PhD project presentations	Dr Woei Saw + Dr Zhiwei Sun
10:20am - 10:30am	CET Prizes	Prof Greg Metha + Ros de Garis
GROUP PHOTO AT MORNING TEA		
10:30am - 11:00am		
Morning Tea and Posters		
10:40am - 11:00am		
Poster Judging with formal panel		
Session 2:	Net Zero Industry	Chair: Jenny Selway (HILT)
Time	Topic	Speaker
11:00am - 11:05am	Opening comments from the Chair	Jenny Selway
11:05am - 11:25am	Industry Keynote: Copper in SA	Claire Pocock, BHP
11:25am - 11:40am	Recent R&D activities in hydrogen, green metals and carbon capture, utilisation and storage technologies	Dr Alfonso Chinnici, UoA
11:40am - 11:55am	Reliable Affordable Clean Energy (RACE) for 2030 CRC: UniSA's Contributions to Driving Change	Prof Frank Bruno (on behalf of Melissa Muller)
11:55am - 12:10pm	Update on Calix and HILT CRC Projects	Dr Zhiwei Sun, HILT/UoA
12:10pm - 12:30pm	Panel Discussion	
12:30pm - 1:30pm		
Lunch & Posters		
12:45pm - 1:15pm		
Poster judging with formal panel		
Session 3:	Future Priorities of Energy Industry and Research in SA	Chair: Hon Trish White
Time	Topic	Speaker
1:15pm - 1:20pm	Opening comments from the Chair	Hon Trish White
1:20pm - 1:40pm	Keynote 1 - Golden Triangle: Academia, Industry and Government	Edit Mucsi, SA Govt
1:40pm - 2:00pm	Keynote 2 - Sparc Hydrogen: Next Generation Green Hydrogen	Vinod Gopalan, Sparc Hydrogen
Split into 2 groups from here		
2:00pm - 3:10pm	Main Room - Discuss the CET 5 year plan and list up to 3 priorities to report back to the group	Hon Trish White
2:00pm - 3:10pm	Breakout room - ECR and PhD student queries + career advice	CET Advisory Board members
3:10pm - 3:40pm		
Afternoon Tea & Posters		
Session 4:	Emerging Energy Technologies and Tools	Chair: Dr Keith Lovegrove
Time	Topic	Speaker
3:40pm - 3:45pm	Opening comments from the Chair	Dr Keith Lovegrove
3:45pm - 4:00pm	Hydrogen Gas Storage Fairways in South Australian Petroleum Basins	Dr Mark Bunch, UoA
4:00pm - 4:15pm	Safe Aqueous Zinc ion Batteries for Grid-Scale Energy Storage	Dr Sailin Liu, UoA
4:15pm - 4:30pm	Plasma Processing for Synthesis of Ammonia and Nitrates	Prof Volker Hessel, UoA
4:30pm - 4:45pm	Next-generation semiconductors towards scalable betavoltaics	Prof Drew Evans, UniSA
4:45pm - 5:05pm	Panel Discussion	
5:05pm - 5:15pm	Best Poster Awards	Dr Woei Saw + Dr Zhiwei Sun
5:15pm - 5:20pm	Closing Remarks	Prof Greg Metha
5:30pm - 7:30pm		
NETWORKING/CHRISTMAS DRINKS & POSTERS		