

CET Research Day Program 2023, Tuesday 12th December - Exhibition Hall, National Wine Centre		
8:45am - 9:10am	REGISTRATION AND COFFEE	
Session 1:	Welcome	Chairs: Greg Metha
Time	Topic	Speaker
9:10am - 9:15am	Opening comments from the Chair	Greg
9:15am - 9:45am	Keynote: Impacts of CET Research on the net-zero transition	Gus Nathan
9:45am - 9:55am	CET Prizes	Advisory Board Member, tbc
9:55am - 10:30am	Three minute PhD project presentations	Maziar Arjomandi / Woei Saw with Board member (TBC)
	GROUP PHOTO	
10:30am - 11:00am	Morning Tea and Posters	
10:40am - 11:00am	Poster Judging with formal panel	
Session 2:	The Low-carbon Heavy Industry Transition - Opportunities and Challenges	Chairs: Jenny Selway / Jordan Parham (HILT)
Time	Topic	Speaker
11:00am - 11:10am	Opening comments from the Chairs	Jenny / Jordan
11:10am - 11:30am	Keynote: Heavy industry perspective on prospective pathways for the low-carbon transition	Wayne Harris
11:30am - 11:45am	Thermal pre-treatment and beneficiation	Alfonso Chinnici
11:45am - 12:00pm	Low-carbon Alumina	Woei Saw
12:00pm - 12:15pm	Opportunities for refuse-derived fuels in industrial processes	Ellena Li
12:15pm - 12:45pm	Panel Discussion	Chair
12:45pm - 1:45pm	Lunch & Posters	
1:15pm - 1:35pm	Poster judging with formal panel	
Session 3:	Hydrogen Burners	Chair: Kristin Raman
Time	Topic	Speaker
1:45pm - 1:50pm	Opening comments from the Chair	Kristin
1:50pm - 2:10pm	Industry perspective: the drivers for hydrogen and alternate fuels in the net-zero transition and the role of research to deliver success	Megan Wheeldon
2:10pm - 2:25pm	Review of HyPT-3 - emerging technologies with strong potential for cost reduction	Greg Metha
2:25pm - 2:40pm	Natural hydrogen opportunities	Simon Holford
2:40pm - 2:55pm	Hydrogen Burners	Neil Smith
2:55pm - 3:10pm	Underground storage of H2	Rachelle Kernen
3:10pm - 3:30pm	Panel Discussion	Chair
3:30pm - 3:50pm	Afternoon Tea & Posters	
Session 4:	Emerging Energy Technologies	Chair: Michael Goodsite
Time	Topic	Speaker
3:50pm - 3:55pm	Opening comments from the Chair	Michael
3:55pm - 4:15pm	Keynote: Opportunities arising from expanded renewables in SA	Richard Day
4:15pm - 4:30pm	Wave Energy	Natalia Sergiienko
4:30pm - 4:45pm	Critical Minerals	Nigel Cook
4:45pm - 5:10pm	Panel Discussion	Chair
5:10pm - 5:20pm	Best Poster Awards	Woei Saw/Azadeh Jafari/Zhiwei Sun with Board member (TBC)
5:20pm - 5:30pm	Closing Remarks	Gus Nathan
5:30pm - 6:30pm	NETWORKING/CHRISTMAS DRINKS & POSTERS	