

4:00 – 6:00 pm	<p align="center">Sunday 2 July 2023</p> <p align="center">Registration Desk Open (Venue: Event Centre outside 'Marlin Room 3')</p> <p align="center">Welcome Reception (with food & beverages, tap opens at 5 pm)</p> <p align="center">6:00 pm Welcome to the Country Ceremony Venue: The Backyard</p>
5:00 – 7:00 pm	

Monday 3 July 2023
Registration Desk opens at 7:30 am

Room	Trinity 1 (100 ppl)	Trinity 2 (100 ppl)	Marlin 1 (120 ppl)	Marlin 2&3 (120 ppl)	Lagoon (80 ppl)
8:20 – 8:30 am			Welcome Address, Conference Co-Chairs: Colin Raston & Qin Li		
8:30 – 8:40 am			Welcome Address, President of Australian Academy of Science: Chenuupati Jagadish Chair: Colin Raston		
8:40 – 8:50 am			Welcome Address, Deputy Director-General, Science and Technology Division at Department of Environment and Science, Queensland Government: Mark Jacobs Chair: Qin Li		
8:50 – 9:00 am			Welcome Address, RACI President-Elect: Amanda Ellis Chair: Porun Liu		
9:00 – 9:30 am			Plenary 1: John Warner Inventing a Sustainable Future with the Principles of Green Chemistry Chair: Lianzhou Wang		
9:30 – 10:00 am			Plenary 2: Maria Forsyth Sodium batteries as a more sustainable energy storage technology Chair: Huanting Wang		
10:00 – 10:30 am			Plenary 3: Edward Buckingham If Green and Sustainable Chemistry and Engineering is to innovate and 'save the planet', what would it entail? Chair: Tony Patti		
10:30 – 10:50 am	Morning Tea (Poster Preparation)				
	Decarbonization Chair: Gang Li	Clean water Chair: Ivanhoe Leung	Catalysis Chair: Dewei Chu	Circular Economy Chair: George Vamvounis	Circular Chemistry (Mineral) Chair: Xiaolei Shi
10:50 – 11:10 am	Christian Doonan (UAdelaide)	Fred Leusch (Griffith)	Yun Liu (ANU)	Feng Wang (Swinburne)	Anh Nguyen (UQ)
11:10 – 11:30 am	Muxina Konarova	David Bergman (South East Water)	Zhengxiang Cheng	Haolan Xu	Yonggang Jin (CSIRO)
11:30 – 11:50 am	Venkata Dasireddy	Sam Chen	Ting Liao	Dechao Chen	Hong Peng (UQ)
11:50 – 12:05 pm	Jinqiang Zhang	Muhammad Ahmar Siddiqui	Tribidasari Ivandini	Alex Duan	Felicia Kiely
12:05 – 12:25 pm	Energy and Environment Leilaina Steganiak	Monitoring, remediation, water Caroline Andersson	Energy and Environment Po-wei Yu	Green Chemistry and Processing Tessa Faulks	Circular Chemistry, Conversion Emmanuel Baawuah

Flash Poster presentation	Yun Han Jiajun Fan Neil Robinson Chesta Chesta Heath Bach Alena Kochubei Wei Peng Alena Kochubei Hashara Kandambige	Sareen Shweta Jinpeng Zhou Oanh Le Yiming Bu Estrella Rodriguez Tessa Faulks Jiaqi Zhang Estephany Marillo	Eve Poland Hongzhe Xu Yu-Chieh Kuo Gabriel Silva Angus Munday Tuan Sang Tran Shangxu Jiang Michael Sturman	Badriah Alotaibi Khamaael Fayyadh Xuejiao Cao Anbarah Alzahrani Fayed Alrashaidi Amjad Alotaibi Lynn Lisboa Jayson Wau	Selengesuren Suragtkhuu Laiba Saleem Tharuka Gunathilake Elley Rudebeck Mahmuda Akter Mele Sachin Talekar Rhiannon Terry
12:25 – 1:30 pm	Lunch Break (poster session)				
1:30 – 2:00 pm			Plenary 4: Xiaojing Hao A greener future: top cell routes for silicon based tandem cells Chair: Yijiao Jiang		
2:00 – 3:00 pm			Panel Discussion: Clean and affordable energy: what will the Australian energy mix look like in 2050? Co-Chairs: Elsa Antunes & Jun Huang		
3:00 – 3:30 pm			Afternoon Tea		
	H2 and CO2 utilization Chair: Dawei Su	Biomass & Circular Chemistry Chair: Sophia Gu	Catalysis Chair: Dechao Chen	New Polymer Chemistry Chair: Carol Lin	Unconventional Energy Generation Chair: Rakesh Joshi
3:30 – 3:50 pm	Pure Hydrogen	Bernadette McCabe (USQ)	Ji Liang (Tianjing U.)	Peter Halley (UQ)	Dewei Chu (UNSW)
3:50 – 4:10 pm	Yansong Shen (UNSW)	Lian Zhang (UMelb)	Xuecheng Yan (Griffith)	Pingan Song (USQ)	Amanda Ellis (UMelb)
4:10 – 4:25 pm	Xiaowan Bai (Adelaide)	Fanghua Li	Liangzhi Kou (QUT)	Caiyun Wang (UoW)	Dawei Su (UTS)
4:25 – 4:40 pm	Natasha Hungerford	Lalehvash Moghaddam	Ziqi Sun	Bronwyn Laycock	Gang Li
4:40 – 4:55 pm	Lizhuo Wang	Wenjie Tian	Zhaojun Han	George Vamvounis	Min Hong
4:55 – 5:10 pm	Mengyao Li	Shan He	Shiju Raveendran	Khay Fong	Xiaohu Ren
5:10 – 6:10 pm	Poster session continued		Business Plan Workshop: Edward Buckingham		Co-Design Workshop on Green Mining for Australian Mining Industry
	Poster session continued				
6:10 – 9:30 pm	Free				

Tuesday 4 July 2023

8:30 – 9:00 am			Plenary 5: Liming Dai Title: Carbon-based metal-free electrocatalysts for clean energy and green chemistry Chair: Jun Huang		
9:00 – 9:30 am			Plenary 6: Shaobin Wang Title: Advanced oxidation processes for waste degradation and recycle Chair: Dan Li		
9:30 – 10:00 am			Plenary 7: Zhiping Gordon Xu Title: Development of Eco-Friendly Nanoparticles for Efficient Gene Delivery to Plant Cells Chair: Mary Fletcher		
10:00 – 10:20 am	Morning Tea				
	Catalysis Chair: Muxina Konarova	Future Devices Chair: Hongjie An	Energy Storage System Chair: Ziqi Sun	Benign by design Chair: Zhaojun Han	Co-Design Workshop Sustainable Agriculture and the Roles of Green Chemistry Co-Chairs: Mary Fletcher, Peng Li, Natasha Hungerford
10:20 – 10:40 am	Zhonghua Zhu (UQ)	Dan Li (UMelb.)	Debra Bernhardt (UQ)	Kei Saito (Kyoto Uni.)	Michael O'Shea (UQ) Diane Ouwerkerk (QDAF) Yongsheng Gao (Griffith) Rajeswaran Jagadeesan (Raj) (QDAF) Nasim Amaralian (UQ) Andrew Busch (Griffith) Jason Eglinton (SRA)
10:40 – 11:00 am	Jianbo Tang	Kang Liang (UNSW)	Dawei Wang (UNSW)	Jiangtao Xu (UNSW)	
11:00 – 11:15 am	Juan Bai	Yuni Krisnandi	Dong Jun Kim	Luke Henderson (Deakin)	
11:15 – 11:30 am	Miaoqiang Lv	Xiaolei Shi	Tuan Sang Tran	Marcello Solomon	
11:30 -11:45 am	Yu Zou	Kai Wang	Tao Wan	Agnieszka Kumorkiewicz-Jamro	
11: 45 – 12:35 pm ECR Talks	Sibe Zou Yiming Xu Sadaf Aiman Khan Permsak Chairat Alena Kochubei	Tewodros Dada Haoyue Sun Xinchun Dai Dan Villamanca Francis Kuang	Deyu Wang Binodhya Wijerathne Shuang Zhong Yilun Weng	Zoe Gardner Jasmine People Adele Mastroyannis Jack Hogan Shiyang Ren	Workshop discussions
12:35 – 1:30 pm	Lunch Break				
	Catalysis Chair: Juan Bai	Benign by Design Chair: Jiangtao Xu	(School Event) Green Chemistry Education Chair: Tony Patti		Environmental Solutions Chair: Cameron Weber
1:30 – 1:50 pm	Jingsan Xu (QUT)	Volker Hessel	Green Chemistry Experiments – designed by PhD students (School Event) Green Chemistry School Event		Deepak Dubal (QUT)
1:50 – 2:05 pm	Mu Xiao (UQ)	Rakesh Joshi (UNSW)			Ivanhoe Leung
2:05 – 2:20 pm	Lei Bao	Xiaomin Xu (Curtin)			Mihiri Ekanayake
2:20 – 2:35 pm	Junxian Liu	Vi Khanh Truong			Leo Lebanov

2:35 – 2:50 pm	Huayang Zhang	Farzana Kastury	Can everything be made in green and sustainable ways? Panellists: John Warner; Paul Anastas; Chennupati Jagadish; Amanda Ellis; David Bergmann Q&A with high school students and teachers	Neil Robinson
2:50 – 3:05 pm	Zhehao Sun (PC CO2R)	Maksim Tcikin		Md. Shahruk Nur-A-Tomal
3:05 – 3:20 pm		Alex Horry	Afternoon Tea	Bethany Taggert
3:05 – 4:00 pm	Business Plan Workshop (Part II)		Panel Discussion: How to find your pathway towards industry-academia co-designed impactful research? Co-Chairs: Christian Doonan, Qin Li Panellists: Brownyn Laycock; Luke Henderson; Craig Lovelady; Huanting Wang; Lianzhou Wang	
4:00 – 4:05 pm			Break	
4:05 - 5:00 pm			Green Chemistry & Engineering Public Lecture Public Lecture: Paul Anastas Chair: Colin Raston	
5:00 – 6:00 pm			Book signing session (media interviews)	
7:00 – 10:00 pm			Conference Dinner (Level 2 Shangri-La Ballroom) Guest Speaker: Prof. Chenuupati Jagadish President of Australian Academy of Science Prof. Lee Smith, DVCR, Griffith University Mr. Shenal Basnayake, RACI CEO	

Wednesday 5 July 2023

7:00 – 8:00 am			Breakfast Discussion ‘How Sustainable and Green is the Australian Water industry?’ Lagoon Room; Continental breakfast served Proudly sponsored by <i>Water Research Australia (WRA)</i> and <i>Environmental Science & Technologies</i> Co-chairs: David Bergmann & Fred Leusch Seats limited (~ 50; first come, first serve)			
8:30 – 9:00 am			Plenary 8: George Britovsek (Imperial College) Title: Sustainable Conversions of Biomass-derived Carbon Sources to Value-added Chemicals Chair: Sam Chen			
9:00 – 9:30 am			Plenary 9: Rachel Caruso (RMIT) Title: Perovskite and Heterojunction Photocatalysts Chair: Hongqi Sun			
9:30 – 10:00 am			Plenary 10: Nam-Trung Nguyen (Griffith U) Title: Micro Elastofluidics: Elasticity and Flexibility for Efficient Microscale Liquid Handling Chair: Yuling Wang			
10:00 – 10:20 am			Morning Tea			
	Health & Environment Chair: Kang Liang	Green Chemistry Chair: Caiyun Wang	Environmental Monitoring & Remediation Chair: Sam Chen	Circular Economy Chair: Elsa Antunes	Unconventional energy and electronic devices Chair: Miaoqiang Lv	
10:20 – 10:40 am	Yuling Wang	Mats Anderson (Flinders)	Brett Paull (Tas)	Carol Lin (CityU)	Zhigang Chen (QUT)	
10:40 – 10:55 am	Li Li	Cameron C. Weber (Alternative Solvents)	Hongjie An	Jamal Ait Brahim (rare earth element recovery)	Nathan Boase (QUT)	
10:55 – 11:10 am	Sophia Gu	Minh Tam Hoang (QUT)	Estrella Rodriguez	Mohammad Rahman	Melissa Stanfield	
11:10 - 11:25 am	Xuan Luo	Rui Tang	Thang Trinh	Quanxiang Li	Salvati Manni	
11:25 - 11:40 am	Mohammad Tavakkoliyaraki	Safira Barros Bunu Tamang	Muyesaier Tudi Deepali Arora	Harshal Patel	Weidi Liu	
11:40 – 12:20 pm	Short break					
12:20 - 2:00 pm			Solution for Sustainable Hospitals Co-Design Workshop Co-Chairs: Leonie Barner, Kerstin Wyssusek, Judith Singleton			
2:00 - 2:30 pm			Plenary 11: Zongping Shao			

Title: Green hydrogen generation at ultrahigh current density from untreated water based on a novel semi-steam electrolysis technology

Chair: Zhonghua Zhu

Awards and Closing Remarks

GASC National Group AGM

2:30 – 2:45 pm

2:45 – 3:00 pm

Plenary Speaker – 30 min

Keynote Speaker – 20 min

Invited Speaker – 15 min

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