



35th Topical Meeting of the International Society of Electrochemistry

Important Dates

Abstract submission opens: **7 November 2022**

Abstract submission ends: **5 January 2023**

Conference Venue

The conference will be held at the 4.5-star Mantra on View Hotel (22 View Avenue, Surfers Paradise QLD), positioned right in the heart of Surfers Paradise, about 30 minutes drive from Gold Coast Airport. Nine multi-purpose rooms with state-of-the-art technology for conference presentations.

Transportation

Taxis from the airports:

30 minute drive from Gold Coast (Coolangatta) Airport (\$25.00/person or \$70.00 per trip)

75 minute drive From Brisbane Airport (\$50.00 per person)

Accommodation

Mantra on View Hotel offers discounted accommodation to conference delegates. Please make your booking during the online conference registration. Multiple apartments are also available close by through providers such as **Airbnb**.

Climate

Gold Coast, Australia, enjoys a sub-tropical climate. Temperatures during the conference in May are on average 24 degrees Celsius during the day and 14 degrees Celsius overnight.



35th Topical Meeting of the International Society of Electrochemistry



Electrochemistry for energy,
environment and health:
Key challenges and enabling solutions

7 - 10 May 2023
Gold Coast, Australia



Call for Papers

<http://topical35.ise-online.org>



35th Topical Meeting of the International Society of Electrochemistry

Organizing Committee

Huijun Zhao (Griffith University, QLD) (Chair)

Chuan Zhao (University of NSW) (Co-Chair)

Maria Forsyth (Deakin University, VIC)

Scott Donne (University of Newcastle, NSW)

Debbie Silvester-Dean (Curtin University, WA)

Adam Best (CSIRO, VIC)

Yulin Zhong (Griffith University, QLD)

Local Organizing Committee

Huijun Zhao (Griffith University, QLD)

Porun Liu (Griffith University, QLD)

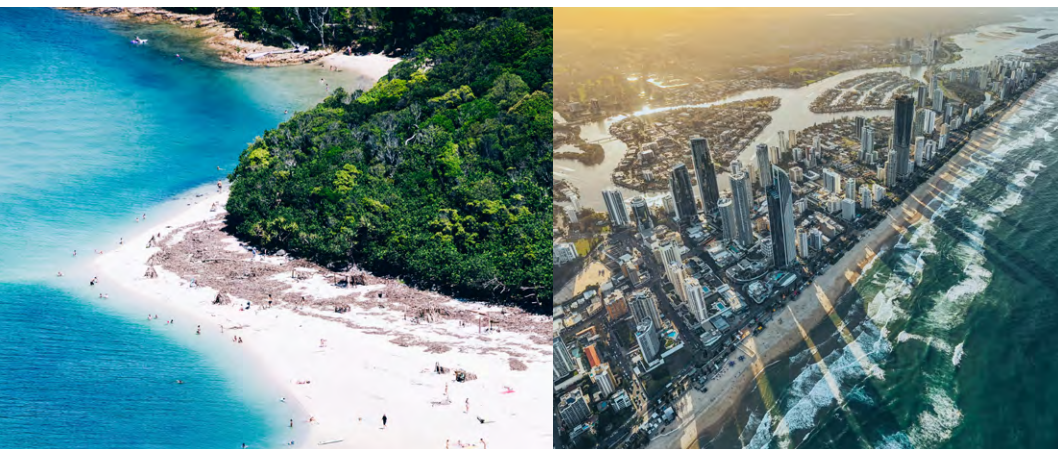
Yun Wang (Griffith University, QLD)

Christina Perry (Griffith University, QLD)



Invitation

You are cordially invited to the 35th Topical Meeting of the International Society of Electrochemistry, which will be held in the Gold Coast, Australia, from 7 to 10 May 2023. The meeting will provide a timely opportunity to discuss the most important challenges facing our global society that revolve around Energy, the Environment, and Health. Fossil fuels will soon become unviable both from an economic and an environmental perspective. Moreover, an aging population is one of the most significant trends of the 21st century, demanding new approaches to clinical analysis and medical diagnostics. These are both challenges in which innovations in electrochemical science must play a leading role. Frequently, the same fundamental advances drive the areas of energy and electrochemical analysis forward. A critical aspect of next-generation energy research is the ability to analyse in real-time conversion products and detect any unwanted emissions. This also highlights the important role that electrochemical-based sensing research could play in energy-related applications.



Scientific Scope of Conference

Fundamental electrochemistry & electrochemistry for energy, environment and health.

S1: Fundamentals

- Electrochemical measurements
- Electrode processes and interfacial electrochemistry
- Semiconductor electrochemistry and photoelectrochemistry

S2: Energy

- Fuel cells and clean energy devices
- Batteries, supercapacitors, and energy storage devices
- Electrochemistry and electrolyzers in chemical fuel production and chemical synthesis

S3: Environment

- Electrochemistry and photoelectrochemistry in environmental remediation
- Electrochemical sensing principles & instrumentation for environmental monitoring & assessment
- Translational research in electrochemical sensing
- Corrosion and corrosion protection

S4: Health

- Electrochemistry in diagnostics, medical devices and neuroscience
- Redox processes in biological systems
- Electrochemistry-based products and processes with societal impact

Call for Papers

Abstract submissions are invited for oral and poster presentations. All abstracts must be submitted via the online submission system that will open on 7 November 2022. The deadline for abstract submission will be 5 January 2023. The abstract must be written in English and must not exceed one page (including figures, tables, and references).