



# 35<sup>th</sup> Topical Meeting of the International Society of Electrochemistry

## Important Dates

Abstract submission opens: **7 November 2022**

Abstract submission ends: **26 January 2023**

## Conference Venue

The conference will be held at the 4-star Crowne Plaza Surfers Paradise Hotel (2807 Gold Coast Highway, Surfers Paradise QLD), neatly nestled between the Surfers Paradise entertainment strip and Broadbeach's local dining scene. Crowne Plaza Surfers Paradise is the perfect place for families, couples, and business travellers. Experience a full range of flexible accommodation options, facilities and dining options for guests of all ages.

## 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.

## Transportation

### Taxis from the airports:

30 minute drive from Gold Coast (Coolangatta) Airport.

75 minute drive from Brisbane Airport

### Train & Tram from Brisbane Airport:

60 minute Airtrain ride to Helensvale train station and transfer to 40 minute tram ride to Florida Gardens tram station

## Accommodation

Crowne Plaza Surfers Paradise Hotel offers discounted accommodation to conference delegates. Please make your booking during the online conference registration. Multiple hotels and apartments (e.g. through Airbnb) are also available close by.



# 35<sup>th</sup> 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>





# 35<sup>th</sup> Topical Meeting of the International Society of Electrochemistry

## Organizing Committee

Huijun Zhao (Griffith University, QLD) (Chair)

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

Debbie Silvester-Dean (Curtin University,  
WA) (Co-Chair)

Maria Forsyth (Deakin University, VIC)

Scott Donne (University of Newcastle, NSW)

Adam Best (CSIRO, VIC)

Yulin Zhong (Griffith University, QLD)

## Local Organizing Committee

Huijun Zhao (Griffith University, QLD)

Porun Liu (Griffith University, QLD)

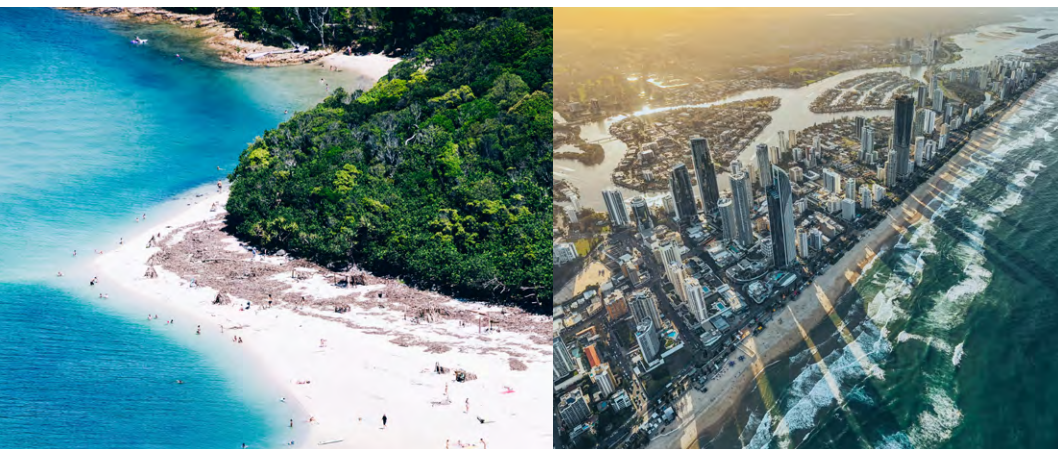
Yun Wang (Griffith University, QLD)

Christina Perry (Griffith University, QLD)



## Invitation

You are cordially invited to the 35<sup>th</sup> 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 21<sup>st</sup> 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 **26 January 2023**. The abstract must be written in English and must not exceed one page (including figures, tables, and references).