

PowerChem Asia Pacific 2018

Conference, Exhibition and Training Courses

Novotel Twin Waters, Sunshine Coast, QLD

Sunday 20 to Thursday 24 May 2018

Theme: Innovative Chemistry in Energy

AIM OF POWERCHEM CONFERENCE

- Provide a platform for Power Station Chemists with a broad understanding of industry drivers and key issues
- Provide power station chemists with best practice techniques from Australia and overseas
- Bring industry personnel with diverse experience together to share learnings and experiences to further develop personal networks for future business developments and careers

DELIVERY OF PROGRAM INCLUDES

- Residential, four day program in a first class learning environment
- Extensive use of case studies to share learnings, opportunities and issues encountered
- Diverse mix of expert presenters, panels and forums to ensure maximum learning outcomes
- Networking with high performing technical professionals identified as potential leaders in power station chemistry

DELEGATE BENEFITS

- Gain an understanding of Power Station Chemistry drivers and key issues
- Opportunity to learn of latest products and solutions from leading suppliers through exhibitor participation
- Update on best practice applications
- Established network of Power Station Chemistry contacts
- Copy of presentations after conference
- New practical skills and knowledge ready to be applied in the workplace

BENEFITS FOR EMPLOYERS WHO SEND DELEGATES

- Delegates will enhance their technical and leadership knowledge to improve overall business performance
- Allow professionals of all levels and diverse backgrounds to interact and share knowledge
- Provide innovative insight to resolve issues and provide solutions to improve company practice

EXHIBITION & SPONSORSHIP OPPORTUNITIES STILL AVAILABLE

Partnering with PPChem provides an excellent opportunity to increase awareness of your organisation, demonstrate your involvement within the industry, promote your products and services, support your brand, and to maintain a high profile within the field; before, during and after the event. To review the latest Sponsorship & Exhibitor Prospectus visit www.api.edu.au/upcomingevents.

TECHNICAL ORGANISING COMMITTEE

- David Addison (Chair) - Thermal Chemistry (david.addison@thermalchemistry.com)
- Colin Gwynne - Ampcontrol
- Des McInnes - Previously Stanwell Corp.
- Kirk McNaughton - Stanwell Corp.
- David Plozza - Engie
- Geoff Grellman - Energy Australia
- Christian Knott - Osborne Cogen
- Barry Dooley - Structural Integrity Associates Inc.

CONFERENCE ORGANISER

Kendall Klingaman - The Australian Power Institute (kendall.klingaman@api.edu.au)

Gold Sponsor

Silver Sponsor

Bronze Sponsor

Kindly supported by



Local Attractions

Organise a social activity in the area with some of your fellow delegates. Suggestions to be provided. (These activities are optional and any costs involved will be at own expense)

Sunday 20th May

Time: 6:00 pm - 8.30 pm

Location: The Beach

Dress code: Hawaiian Theme

Cost: Inclusive for conference delegates. Additional guests: \$70.00



Welcome Reception

Relax and get to know one another at the Beach BBQ Welcome Reception hosted by Purolite on Sunday 20th May.

Held outside (weather permitting) on the lovely lagoon beach, giving you a chance to take in the relaxing lagoon views. Come along in your loudest Hawaiian shirt and catch up with friends and colleagues.

Starting at 6.00pm, food will be served through to 8.00pm.

The team at Purolite are looking forward to seeing you there. Prize given to the delegate with the loudest Hawaiian shirt!

CONFERENCE ISSUES/TOPICS TO BE ADDRESSED INCLUDE:

Cycle chemistry

- Corrosion and failures
- Deposition
- Boilers & HRSGs
- Air cooled condensers
- Lay-up & storage
- Changing generation mix

Ultrapure water treatment

- Condensate polishing
- Demineralising plant
- Stator water systems
- Reverse Osmosis

Water management

- Cooling water treatment
- Water re-use
- Scale control

Avoiding repeat failures

- Corrosion product monitoring
- Deposition on heat transfer surfaces
- Instrumentation, carryover, & shutdown protection
- Challenging the status quo
- Film forming compounds and application

**Please note that the above is a preliminary list. A full list including the detailed program schedule will be provided in October. Stay tuned to the API website.*

CALL FOR PAPERS

In addition to invited speakers, a number of papers will also be sought from the international and Australian power industry. One page abstracts (no more than 500 words) are to be emailed to [Kendall Klingaman](#) for review by the Conference Technical Committee.

Please note that upon acceptance of your paper, all speakers are expected to register and pay to attend.

Deadline for submission: 11 DECEMBER 2017

TRAINING COURSES (WEDNESDAY & THURSDAY) - exact times to be confirmed

Training is provided in small groups to ensure maximum delegate participation and value. Courses range from half day to 1.5 day courses. Courses only run if minimum numbers are met.

Course prices are \$550pp for API Members and \$770pp for non members.

Training 1: Understanding the Basics and Advanced Cycle Chemistry Aspects will Lead to Increased Fossil and Combined Cycle / HRSG Power Plant Reliability

This one and a half day training workshop will be conducted by the leading international cycle chemists from IAPWS. The technical bases will be the IAPWS Technical Guidance Documents as well as the latest developing information from IAPWS on new technical areas such as film forming products. Some of the major topics included will be cycle chemistry influenced boiler/HRSG tube failures, flow-accelerated corrosion (FAC), air-cooled condensers (ACC), steam turbine failure and damage in the phase transition zone (PTZ), transport and deposition of corrosion products around the plants, instrumentation and corrosion product monitoring. The information provided and discussed will allow plant staff to reach optimum cycle chemistry control on the path to worldclass performance. The key analytical tools known as Repeat Cycle Chemistry Situations (RCCS) will be introduced to illustrate how these are used to avoid failure and damage across all generating plant.

Further Training Courses

International experts in Power Station Chemistry are invited to offer training courses for consideration by the Conference Technical Committee. Please provide details (name of course, course syllabus) to [Kendall Klingaman](#) to be considered.

Monday 21st: Conference Dinner

The API PowerChem Conference Dinner (LOCATION TBA)

Time: 7:00 pm - 10:00 pm Dress code: Smart Casual

Cost: Inclusive for conference delegates, additional guests: \$100.00

Title _____ First name _____ Last name _____

Preferred name for name badge _____

Position _____ Organisation _____

Address _____

City _____ State _____ Postcode _____ Country _____

Telephone () _____ Mobile _____ Email _____

Registration fees (GST Inclusive)

	API Members Earlybird (to 28 Feb)	API Members Full Price	Non Member Earlybird (to 28 Feb)	Non Members Full Price
Conference (Mon, Tues, Wed am)	\$1,650 <input type="checkbox"/>	\$1,960 <input type="checkbox"/>	\$1760 <input type="checkbox"/>	\$2100 <input type="checkbox"/>
Training (Weds & Thursday)		\$550 <input type="checkbox"/>		\$770 <input type="checkbox"/>

Conference registration fees have been significantly reduced (by 30%) this year.

The registration includes Welcome Reception (Sun), Conference Dinner (Mon), morning/afternoon teas, lunches, and web presentation access.

*Please tick which Training Course you will be attending (if applicable to your registration type) T1 T2

Please advise if you have special dietary or mobility requirements: _____

Social functions (Welcome Reception & Conference Dinner inclusive for conference delegates. Guest are welcome at an additional charge.)

Welcome Reception Not attending Guest @ \$70 per person Guest Name/s _____
 Conference Dinner Not attending Guest @ \$100 per person Guest Name/s _____

Accommodation: To book your room at Novotel Twin Waters, Sunshine Coast visit the [conference website](#)

Support for AUSAPWS

API PowerChem Conference supports [AUSAPWS](#) which is an international non-profit association of national organisations concerned with the properties of water and steam, particularly thermophysical properties and other aspects of high temperature steam, water and aqueous mixtures that are relevant to thermal power cycles and other industrial applications. Company membership is available at a fee (\$1,000 p.a incl GST). Should your company wish to support AUSAPWS through membership, contact ausapws@gmail.com.

Payment Details: *By registering for the API PowerChem conference, you agree with the Terms & Conditions.

Please provide credit card details to guarantee your booking. You will be responsible for paying your account directly to the hotel on your departure. Cancellation of your accommodation within 14 days of your arrival date will incur the full cost of your accommodation booking.

A cheque payable to The Australian Power Institute will be posted: (Post to 9 Acacia Ave, Shelly Beach, QLD 4551)

Please invoice me, I would like to pay by Direct Deposit:

Please charge the following credit card: (Please note a 4.95% processing fee will be charged if paying via credit card)

Mastercard Visa Amex Total paid \$ _____
 Card number Expiry date _____ / _____ CCV _____

Signature _____ Cardholder name _____
 (Credit card payment not valid without signature) (Please print)