

South East Asia Protection, Automation and Control Conference

(SEAPAC 23 will be incorporated within the CIGRE Cairns International Symposium 2023)

5th September 2023, Cairns, Australia | Cairns Convention Centre, Cnr of Wharf & Sheridan Street, Cairns City, QLD

CALL FOR PAPERS

2023 South East Asia Protection Automation Session

CIGRE Australia and the B5 Protection & Automation Panel is pleased to offer opportunities to present papers for the eighth SEAPAC.

5th SEPTEMBER 2023

**Incorporated within the International CIGRE Symposium
at the Cairns Convention Centre**



SEAPAC brings together the leading expertise in the protection and automation fields across Australia, New Zealand and the South East Asia region.

In 2023 a one day SEAPAC session on Tuesday 5th September is being incorporated into the [Cairns International Symposium](#) from 4-7 September, as a result there is potential for more international participation. Delegates only need register for the full Symposium or register for a day pass if they only wish to attend the SEAPAC day.

While interested authors are encouraged to take the opportunity to submit a paper abstract for the main symposium themes and wider audience, the SEAPAC session provides the opportunity to submit a paper abstract & present on a detailed protection & automation topic for a more dedicated protection and automation audience.

SCOPE & TOPICS

Papers are invited on topics of a more detailed protection & automation nature and relevant to the South East Asia and international regions. Suggested topics are listed below:-

- Application of IEC61850 in protection and automation systems
- Metering systems
- Special protection systems & wide area protection
- Training engineers and technicians for technology transition
- Time in protection applications - Time sources & distribution applications
- Leveraging PMU data for better system protection
- Future technologies for Inter substation protection communication
- Standardizing and updating protection with the need consider a greater number of hardware/firmware changes
- Modelling protection systems
- Safety by design for Protection
- Protection challenges highlighted by power system events



AIM OF THE SESSION

CIGRE B5 Protection & Automation Panel's principle objective is the ongoing development of fundamental knowledge and skills for application, design and operation of the substation and power system protection, control, metering, condition monitoring equipment and associated interfaces to primary plant, SCADA and telecommunication systems. This is achieved through paper publication, paper presentation at the SEAPAC session and a question/answer session.

SEAPAC has been specifically created as a protection and automation specific conference for the region providing **unique opportunities** for the sharing of local knowledge and international networking.

Traditional protection and control systems is a key topic for the conference as the most significant portion of the existing infrastructure and experience.

There is also increasing pressure on utilities to provide ever more reliable and robust electricity supply to the consumer under tight regulatory requirements with the **Smart Grid** adding new operational constraints and flexibility requirements. With many **IEC 61850** installations in Australia and New Zealand, SEAPAC is an opportunity to present and discuss the benefits and strategies for implementation of this technology.

Abstract submissions must be made via the **online lodgement site** and must be submitted by the **deadline of 4 November 2022**. Late abstracts will only be considered if there is available time in the program for additional papers. Abstracts will be assessed by a committee of the CIGRE Australian Panel B5 members for the value and relevance to the body of knowledge for the industry.

The 2023 conference also make use of the Cairns Symposium technical exhibition space where delegates can have direct interaction with vendors and service providers during the session breaks. The official Cairns Symposium functions offer a great opportunity for further networking in the industry.

ATTENDEES

SEAPAC attracts the full spectrum of specialists in the areas of protection, telecommunication, SCADA, telecommunications and asset management. Asset owners, vendors, consultants and education and service provider organizations will be key contributors to the conference.

This year attendance is part of attending the Cairns International Symposium. While attendance at the complete symposium is encouraged, there is an option to register to attend on a daily basis.

SEAPAC attendance has been well over 100 delegates at each session from all areas of the power and associated industries since 2007 and we are anticipating in excess of 400 delegates for the Symposium.

ABSTRACT SUBMISSION

Deadline: 4th November, 2022

Authors wishing to present papers at the conference are requested to login and complete the online submission form at this site [SEAPAC ABSTRACT SUBMISSION](#)

Abstract are **strictly limited to 300 words** in plain text.

Information on the event and registrations when open can be found here: [SEAPAC Event Information Site](#)

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Acceptance of papers will be notified as soon as possible after 2 December 2022.

PLEASE NOTE – SEAPAC papers and presentations are separate to the Symposium call for papers and presentations and this is an in-person physical event and will not be Web Cast.

GUIDELINES FOR PREPARATION OF PAPERS AND PRESENTATIONS

Authors will be required to submit the final papers and presentations by the strict deadline of 3 April 2023 to allow preparation of conference material.

Authors will be provided with templates for the papers and presentation once the abstract is accepted.

It is preferred that papers are submitted as MS Office 2003

[or later] Word “.doc” and PowerPoint 2003 “.ppt” files using the conference templates provided. The preference is for the paper to be less than 12 pages. Presentations should not be more than 12 slides (8-10 recommended) including title and conclusion.

CIGRE will collate all papers and presentations for issue to delegates as Secure PDF files. The ability to include your corporate brand/logo is included in the templates. Templates will be made available to successful applicants after 2 December 2022.

FORMAT OF SESSIONS

Presentations must be limited to 15 minute duration focusing on the key elements of the paper. Joint presentations may be made by no more than two people although it is advised that coordination of this be well rehearsed.

The technical presentations will be organised into themed sessions according to the range of papers selected with similar themes within each session. The conference is run as single stream session, allowing delegates to hear and participate in all presentations.

At the end of each session, an open forum will be provided for questions from the floor to the panel of presenters in that session, thus creating a high level of interaction for delegates and presenters.

CONDITIONS AND FAQ FOR AUTHORS

The following information and conditions apply to submission and presenting of papers.*

1. At least one of the Authors, or a representative knowledgeable in the subject, must be able to attend the conference to present the paper and answer questions on the subject.
2. Authors and Presenters must pay their own registration, travel, accommodation and other expenses. Authors will need to register for a full Symposium pass or a day registration on the day of the SEAPAC event. As registration for this SEAPAC is part of the Symposium registration, there is no discount for speaker attendance.
3. CIGRE reserves the right at its sole discretion to limit the number of selected papers for any particular company or presenter.
4. Papers must contribute to the body of knowledge for the philosophy, application, implementation and operation of power system technology and, to

the best ability of the Author and Presenter, reflect or propose good industry practice. The paper and presentation must reflect the intent of the abstract. Papers or presentations considered as a largely product or service promotion will not be accepted and may be refused at any time.

5. Papers must be presented in the provided template format and it is preferable that they be in “.doc” and “.ppt” format. Papers and presentations will be published as Secure PDFs and made available to conference attendees. The Author biography and contact details should be included at the end of your paper as part of the document. Presentation and paper templates will be made available to successful applicants.
6. **The Author and/or Presenter undertake to provide required items to the Conference Organisers by the relevant deadlines.**
7. By submitting the paper, it is deemed that the Author and Presenter has granted a free unconditional perpetual licence to CIGRE for the distribution or sale of the paper and/or presentation as proceedings of the conference without recompense to the authors or their organisations.
8. It is deemed that the Author has granted a free unconditional perpetual licence to CIGRE to use any documents, information photos and videos of the conference and exhibition area for the promotion of CIGRE and its activities.

* "Author" refers to the individual and the organisation they represent both singularly and in plural. "Presenter" refers to the conference delegate[s] presenting the paper. "CIGRE" refers to CIGRE Australia Pty Ltd and its appointed representatives. Terms in the singular imply the plural and vice versa.

KEY DATES AND TIMINGS

4th November, 2022	Abstracts submitted
2nd December, 2022	Notification of Accepted Abstracts
3rd April, 2023	Final Papers Due to be submitted
5th September, 2023	One day SEAPAC Session at the Cairns International Symposium