

Call for papers

PAC World Americas Conference 2025

11-14 August 2025

Raleigh, USA

Protection, automation and control specialists from industry and academia around the world are invited to submit abstracts for the PAC World Americas Conference 2025 on the following topics:

1. The Future of the electric power grid – PAC challenges of today and tomorrow
2. PAC and Smart Grid
3. System analysis
4. Standardization and harmonization of system models
5. Wide area monitoring, protection and control systems (WAMPACS)
6. Visualization, situational awareness
7. Synchrophasors, applications and benefits
8. Communications and their applications
9. IEC 61850, tools, applications and benefits
10. Digital substations
11. Cyber security
12. Multifunctional Protection IEDs and their applications in electric power systems
13. Advanced protection, automation and control functions and applications
14. Centralized and Virtualized Substation Protection and Control
15. Adaptive protection
16. System Integrity Protection Schemes (SIPS)
17. Testing of intelligent devices, distributed functions and systems
18. Automatic fault analysis
19. Distribution automation
20. Smart metering and Home automation
21. Impact of Inverter Based Resources (IBR) on PAC
22. Distributed Energy Resources integration – wind, solar, EV, battery storage
23. Data centers
24. Asset management and condition monitoring
25. Engineering of protection, automation and control systems
26. Protection operation and disturbance analysis - lessons learned
27. Power system education challenges for professionals and administrators
28. Standardization of protection, automation and control systems
29. Artificial Intelligence applications in PAC systems
30. Any other protection, automation and control related topics

The main goal of the conference is to bring together professionals in the fields of protection, automation, control, communications, DERs and other power system domains in order to learn about the latest developments in the industry and share experience and ideas how we can all work together to make the grid smarter in the most efficient way.

All abstracts should be around 500 words. The authors should keep in mind that the focus of their papers should be on presenting challenges, applications, solutions and ideas related to the above topics in a non-commercial and practical manner.

Abstracts should be submitted at <https://pacworld.regfox.com/pacwac25-c4p>

You can also reach the submission page by scanning the QR code:



Papers accepted for oral presentation will be included in the program. Papers accepted for the poster session will also be included in the proceedings of the conference and used as backup for oral presentation.

Important dates (strictly enforced):

- Abstracts deadline: 15 April 2025
- Acceptance notification: 15 May 2025
- Papers submission: 15 July 2025