Call for papers

PAC World Global Conference 2027

21 – 24 June 2027

Budapest, Hungary

Protection, automation and control specialists from around the world are invited to submit abstracts for the PAC World Global Conference 2027 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. Wide area disturbances analysis and lessons learned
7. Visualization, situational awareness
8. Synchrophasors, applications and benefits
9. Communications and their applications
10. IEC 61850, tools, applications and benefits
11. Standard protocols and common data formats
12. Cyber security
13. Multifunctional Protection IEDs and their applications in transmission and distribution systems
14. Advanced protection, automation and control functions and applications
15. Centralized and Virtualized Substation Protection and Control
16. Adaptive protection
17. System Integrity Protection Schemes (SIPS)
18. Testing of intelligent devices, distributed functions and systems
19. Power quality
20. Automatic fault analysis
21. Substation automation
22. Distribution automation
23. Smart metering and Home automation
24. Impact of data centers on PAC
25. Distributed Energy Resources integration – wind, solar, EV, storage
26. Asset management and condition monitoring
27. Engineering of protection, automation and control systems
28. Protection operation analysis and lessons learned
29. Power system education challenges for professionals and administrators
30. Standardization of protection, automation and control systems
31. Artificial Intelligence applications in PAC systems
32. Any other protection, automation and control related topic

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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://www.conftool.com/pacwc2027/

The submission page can also be reached by scanning this 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 January 2027
- Acceptance notification: 15 February 2027
- Papers submission: 1 May 2027

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