

Call for Papers

The 14th International Conference on Protection and Automation of Power Systems (IPAPS 2020)

December 31, 2019-January 1, 2020

Amirkabir University of Technology, Tehran, Iran

Important Dates:

Submission of full papers:

November 3, 2019

Notification of acceptance:

December 18, 2019

Final Paper Submission:

December 28, 2019

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Conference Website:

http://www.ipaps.ir/index_e.aspx

The Conference intends to be a forum for all experts and researchers in protection and automation of power systems to discuss state-of-the-art innovations and aims at developing in knowledge and technology of power system protection and automation. Conference emphasizes practical training in workshops and discusses the latest developments in theoretical aspects, emerging technologies, progresses in standards, services and their applications in various areas of power system automation and protection engineering. We would like to officially invite researchers, academic staffs, experts and all electrical engineers to attend and participate in the 14th International Conference on Protection and Automation of Power Systems (IPAPS 2020).

IPAPS 2020 is included in the IEEE Conference Publication Program and its accepted English papers will be sent for possible inclusion in IEEE Xplore subject to compliance with IEEE quality standard.

Any observed plagiarism or fraud research activity of submitted papers at any stage will lead to the exclusion of the paper from the conference proceedings. The corresponding author(s) are responsible for its consequences.

Conference Chair: Prof. Hossein Askarian Abyaneh

General Chair: Prof. Seyed Hossein Hosseinian

Program Chair: Prof. Shahram Montaser Kouhsari

The 14th International Conference on Protection and

Automation of Power Systems (IPAPS2020)

will be held on Dec. 31, 2019-Jan.1, 2020 in the Department of Electrical Engineering and Power Systems Center of Excellence, Amirkabir University of Technology jointly with Iranian Association of Electrical and Electronics Engineers (IAEEE).

Conference Topics:

Protection in Power Systems

- Protection of smart grid networks
- Application of IoT concepts in the power system protection
- System Integrity Protection Schemes (SIPS)
- Special Protection Systems (SPS)
- Wide Area Monitoring, Protection and control (WAMPAC) systems
- Modern power system protection schemes and algorithms
- Impact of DGs on power system protection
- Cyber security in power system protection
- Power system protection customization
- Fault location in transmission and distribution networks
- Protection systems operation, maintenance and NET
- Software/hardware systems of power system protection
- Role of new communication schemes in power system protection
- Electromagnetic compatibility in protection systems
- Grounding and protection system
- Fault current limiter (FCL) development
- Arc flash in electrical equipment and its risk reduction methods
- Power system over voltage protection

Automation in Power Systems

- Automation in power plants, transmission and distribution grid
- Industrial automation
- Communication systems in automation
- Automation in power system control and protection
- Security and reliability in power system automation
- Automation systems operation, maintenance and NET
- Hardware/software systems in automation
- Power system automation customization
- Automation of smart grid networks
- Communications and networks (SCADA, WAMS, WAPS)
- AMI infrastructure and smart sensors