

Call for Papers & Paper Guidelines

Call for Papers

2021 IEEE Industry Applications Annual Meeting

Vancouver, BC, Canada

October 10– 14, 2021

<https://ias.ieee.org/2021annualmeeting>

The 2021 IEEE Industry Applications Society Annual Meeting will address the technical interests related to industrial applications of electrical energy. Note that while the 2021 IAS Annual Meeting and the 2021 Energy Conversion Congress and Exposition will be collocated in Vancouver BC, the technical programs at these conferences will be separate and will complement each other. Annual Meeting papers are solicited on subjects pertaining to the scope of the participating Technical Committees of the IEEE Industry Applications Society, as listed below. For **papers**, draft manuscripts (NOT abstracts or digests alone) should be submitted to OpenConf using the submission links in each category. Proposals for **Tutorials** (which may range from 1-4 hours) should include a detailed outline as well as a list of presenters and their credentials. Please note below that deadline for receiving paper drafts is ~~4~~ 31 March 2021; while deadline for receiving tutorial proposals is 1 May 2021.

Attention: *We have extended the due date of paper submission until 3/31/2021. In our continued effort to support our technical community, we will work with authors to help them share their work through remote participation for anyone who is unable to travel due to the continued government restrictions. Whether in-person or remote, an author is required to register for the conference. We will determine the pricing of author registration at a later date and you will be notified of the fee to be paid.*

TUTORIAL program

The TUTORIAL program is seeking proposals for presentations on topics in the general technical area of industrial applications of electrical energy. Please send outlines and presenter details to: Payman Dehghanian (payman@gwu.edu) – Conference Tutorial Chair by 1 May 2021.

Metal Industry Committee

The Metal Industry Committee is soliciting papers relating to making, shaping, or treating of metals. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Braz Cardoso (braz.cardoso@ieee.org)

Power Systems Engineering Committee

The Power Systems Engineering Committee is soliciting papers relating to electrical safety and to design, analysis, maintenance or monitoring of electrical generation or distribution systems in industrial, commercial or institutional facilities. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Dr. Claudio Mardegan (claudio.mardegan@engepower.com)

Industrial Lighting and Display Committee

The Industrial Lighting and Display Committee is soliciting papers relating to light sources, display, and their drivers, and more general in lighting system and display technology. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Dr. Laurent Canale (laurent.canale@laplace.univ-tlse.fr)

Industrial Automation and Control Committee

The Industrial Automation and Control Committee is seeking papers that address the applications of electrical and electronic control devices, sensors, systems, and methods to the conversion, regulation and utilization of electricity for the control of industrial processes and manufacturing. Also papers on Smart Manufacturing/ Smart Factory/ Industry are desired. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair. Sukumar Kamalasan (skamalas@uncc.edu)

Data Center Subcommittee

The Data Center Subcommittee is soliciting papers relating to best practices for data centers. The papers should focus on design, analysis, monitoring, maintenance, safety or operations of data centers. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Mr. Tom Johnson (tjohnson@ppcwa.com)

Power Systems Protection Committee

The Power Systems Protection Committee is soliciting papers relating to the protection of power generation and distribution systems in industrial, commercial or institutional facilities, including both fault protection and surge protection. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Dr. Saleh Saleh (a.saleh@unb.ca)

Energy Systems Committee

The Energy Systems Committee is soliciting papers related to distributed energy resources, energy management, system planning and related issues in industrial, commercial or institutional facilities. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Dr. Yuan-Kang Wu (allenwu@ccu.edu.tw)

Codes and Standards Committee

The Codes and Standards Committee is soliciting papers related to electrical codes and standards governing the electrical infrastructure in industrial or commercial facilities. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Keith Waters (keith.waters@se.com)

Mining Industry Committee

The Mining Industry Committee is seeking papers related to electrical applications and operations in mines. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Galina Mirzaeva (galina.mirzaeva@newcastle.edu.au)

Electrostatic Processes Committee

The Electrostatic Processes Committee is seeking papers on topics related to fundamentals and industrial applications of electrostatics including but not limited to electrohydrodynamics, electrostatic measurements, computational electrostatics, electrostatic precipitation and separation, coronas and gas discharges, and ESD/EOS. Drafts of proposed papers should be submitted online at <https://www.openconf.org/IAS/IAannualmeeting2021> Any issues with the online submission system should be submitted to the Technical Committee Program Chair Prof Kazuo Shimizu (kshimizu2006@gmail.com)

Authors' Deadlines:

- 31 March 2021: Submission of full drafts of proposed papers to respective technical committee identified above.
- 5 June 2021: Notification of acceptance or rejection by the respective technical committees.
- 30 June 2021: Authors to receive instructions for submission of final conference manuscripts
- 31 July 2021: Deadline for submission of final conference manuscripts to OpenConf and ScholarOne Manuscripts – no Exceptions

Note that the author deadlines for the IAS Annual Meeting may be different from the author deadlines for ECCE.

General Requirements:

Authors must submit a draft of the proposed paper for evaluation by the sponsoring Technical Committee. Abstracts or digests alone will not be considered. One author must be designated as the corresponding author, and an e-mail address must be provided for that person. All correspondence will be conducted via e-mail. Authors are responsible for assuring that e-mail sent to the corresponding author will NOT be blocked by a spam filter.

At least one author must register to attend the conference and pay the full conference registration fee prior to submitting each final manuscript. IEEE student members, IEEE Life Members, and unemployed attendees must select a full conference registration to qualify to submit papers. Authors are limited to submitting no more than four (4) manuscripts against each full registration. Papers in the main technical program will be archived in IEEE Xplore. Papers that are scheduled for presentation but not actually presented will not be archived in Xplore.

Final manuscripts for the Conference Record will be submitted electronically via the IAS OpenConf Manuscripts site. All papers will be scanned for plagiarism in CrossCheck. The submitting author must execute an IEEE Copyright Transfer at the time of manuscript submission.

- All papers sponsored for presentation by the Power System Engineering Power System Protection, Energy Systems, Codes and Standards, and Metals Industry and Mining Industry Committees will be reviewed for possible publication in IEEE Transactions on Industry Application or IEEE Industry Applications Magazine, and authors will receive feedback from this review following the 2020 IAS Annual Meeting. Note that to satisfy IEEE requirements, authors may be required to revise\ their papers during the course of the review.
- Authors of papers sponsored for presentation by the Industrial Automation and Control, Electrostatic Processes, and Industrial Lighting and Display Committees may request that revised versions of their paper(s) be reviewed for publication following presentation at the 2021 IAS Annual Meeting.

Not all IAS Technical Committees hold sessions at the IAS Annual Meeting every year. If a committee is not listed in this call for papers, you should contact the appropriate IAS Technical Committee or Department Chair for more information.

The 2021 Energy Conversion Congress and Exposition will take place in Vancouver BC at the same time as the IAS Annual Meeting, and there may be additional opportunities to present papers at ECCE (paper submission deadlines may be different from AM).

Student Activities and Program:

Students are encouraged to participate in the Annual Meeting and are welcome to submit papers for the Student Program being organized by the IAS Chapters and Membership Department. It is not necessary or expected that student presentations will be accompanied by formal manuscripts. Student papers are not included in the Annual Meeting Conference Record or archived in Xplore and are not eligible for publication in IAS Transactions or IAS Magazine.

Zucker Travel Grants are available to provide financial support for selected students attending the Annual Meeting; for further information, visit <http://ias.ieee.org/chapters-membership/chapter-promotion-programs,-awards-and-contests.html>.