Women in Renewable Energy (WiRE) 2024 (PE130)

Conference Chair: Zakya H. Kafafi, Lehigh Univ. (United States)
Conference Co-Chairs: Natalie Stingelin, Georgia Institute of Technology (United States); Natalie Banerji, Univ. Bern (Switzerland)

Confirmed Invited Speakers

• Mariana Bertoni, Arizona State Univ. (United States)
• Laure Biniek, Institut Charles Sadron (France)
• Paulette Clancy, Johns Hopkins Univ. (United States)
• Eunkyoung Kim, Yonsei Univ. (Korea, Republic of)
• Greta Patzke, Univ. Of Zurich (Switzerland)
• Linda A. Peteanu, Carnegie Mellon Univ. (United States)
• Barbara Stadlober, JOANNEUM RESEARCH Forschungsgesellschaft GmbH (Austria)

In celebration of Women in Optics and the 20th Anniversary of the SPIE Europe Photonics Meeting, the Fourth Conference on Women in Renewable Energy (WiRE) will be held on April 7-8, 2024, in Strasbourg, France as part of the SPIE Europe Photonics annual meeting. This call for papers is open to all applicants who are interested in submitting abstracts for poster presentations and contributed talks that cover the latest research findings from the last few years.

The theme of this conference will be on key trends in renewable energy research developed and led by women scientists and engineers from around the world. Focus will center on novel concepts, materials, devices, and architectures for renewable energy with its transformative future global utilization, and applications in enabling technologies. The scope will covers, but is not limited to, the following general areas:

• conversion of solar light into electricity
• conversion of solar light into thermal energy
• conversion of solar light into chemical energy and fuel generation
• energy storage including batteries and capacitors
• fuel cells, ferroic materials (piezo, ferro, flexo)
• thermoelectrics – materials, methods, and devices
• novel applications (e.g. self-powered devices for wearables and sensors)
• the role of artificial intelligent in enabling technologies
• circular economy aspects of renewable energy-harvesting and storage platforms.

www.spie.org/pe130call
Present your research at SPIE Photonics Europe

Below are abstract submission instructions, the accompanying submission agreement, conference presentation guidelines, and guidelines for publishing in the Proceedings of SPIE on the SPIE Digital Library. Submissions subject to chair approval.

Important dates

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<th>Event</th>
<th>Date</th>
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<tr>
<td>Abstracts due</td>
<td>17 January 2024</td>
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<tr>
<td>Authors notified and programme posts online</td>
<td>31 January 2024</td>
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<tr>
<td>Registration opens</td>
<td>8 January 2024</td>
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<tr>
<td>Submission system opens for manuscripts and poster videos/PDFs*</td>
<td>5 February 2024</td>
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<td>Manuscripts due</td>
<td>20 March 2024</td>
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*Contact author or speaker must register prior to uploading

What you will need to submit

- Presentation title
- Author(s) information
- Speaker biography (1000-character max including spaces)
- Abstract for technical review (200-300 words; text only)
- Summary of abstract for display in the programme (50-150 words; text only)
- Keywords used in search for your paper (optional)
- Check the individual conference call for papers for additional requirements (i.e. extended abstract PDF upload for review or instructions for award competitions)

Note: Only original material should be submitted. Commercial papers, papers with no new research/development content, and papers with proprietary restrictions will not be accepted for presentation.

How to submit your abstract

- Visit the conference page: www.spie.org/pe129call
- You may submit more than one abstract, but submit each abstract only once
- Submit by clicking the “Submit an Abstract” button on the conference page
- Sign in to your SPIE account, or create an account if you do not already have one
- Follow the steps in the submission wizard until the submission process is completed
- If your submission is related to an application track below, indicate the appropriate track when prompted during the submission process

Submission agreement

All presenting authors, including keynote, invited, oral, and poster presenters, agree to the following conditions by submitting an abstract:

- Register and pay the author registration fee
- Oral presenters: recording and publication of your onsite presentation (slides synced with voice) for publication in the Proceedings of SPIE in the SPIE Digital Library
- Poster presenters: submit a poster PDF by the advertised due dates for publication in the Proceedings of SPIE in the SPIE Digital Library; poster PDFs may also be published and viewable in the spie.org programme during and immediately after the event. Each poster must have a unique presenter; one person may not present more than one poster
- Email messaging for the conference series
- Submit a manuscript by the advertised due date for publication in the Proceedings of SPIE in the SPIE Digital Library
- Obtain funding for registration fees, travel, and accommodations
- Attend the meeting
- Present at the scheduled time

Review and programme placement

- To ensure a high-quality conference, all submissions will be assessed by the conference chair/editor for technical merit and suitability of content
- Conference chairs/editors reserve the right to reject for presentation any paper that does not meet content or presentation expectations
- Final placement in an oral or poster session is subject to chair discretion

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