

The 17th International Symposium on Solid Oxide Fuel Cells (SOFC-XVII)

Sponsored by

*High-Temperature Energy, Materials, & Processes Division of
The Electrochemical Society, Inc.*

and

The SOFC Society of Japan



STOCKHOLM, SWEDEN

July 18-23, 2021

The Brewery Conference Center

INFORMATION

The Solid Oxide Fuel Cells XVII (SOFC-XVII) Conference will be held in Stockholm, Sweden from July 18-23, 2021 at the Brewery Conference Center. This international conference will bring together scientists, engineers, and researchers from academia, industry, and government laboratories to share results and discuss issues related to Solid Oxide Fuel Cells and Electrolyzers. This meeting provides an opportunity and forum to learn and exchange information on the latest scientific and technical developments relating to SOFCs and SOECs.

ABSTRACT SUBMISSION

To give an oral or poster presentation at SOFC-XVII, you must submit an original meeting abstract for consideration via the SOFC website, **no later than February 5, 2021**. Faxed, e-mailed, and/or late abstracts will not be accepted. Meeting abstracts should explicitly state objectives, new results, and conclusions or significance of the work. Because the number of time slots for oral presentations is limited, it is likely that not all requests for oral presentations can be accepted, which means that oral contributions might be moved into a poster session. Therefore, research groups that submit more than one abstract should seek a reasonable balance between oral and poster presentations. Once the submission deadline has passed, the symposium organizers will evaluate all abstracts for content and relevance to the symposium topic, and will schedule all acceptable submissions as either oral or poster presentations. In March 2021, Letters of Acceptance will be sent via email to the corresponding author of all accepted abstracts, notifying them of the date, time, and location of their presentation. **Please note: No abstracts will be scheduled for presentation without the submission of a corresponding proceedings paper to *ECS Transactions* (see page 3).**

PAPER PRESENTATION

Oral presentations must be in English; LCD projectors and laptops will be provided for all oral presentations. **Presenting authors MUST bring their presentation on a USB flash drive to be used with the dedicated laptop that will be in each technical session room.** Speakers requiring additional equipment must make written request to meetings@electrochem.org at least one month prior to the meeting so that appropriate arrangements may be worked out, subject to availability, and at the expense of the author.

Poster presentations must be displayed in English, on a board approximately 3 feet 10 inches high by 3 feet 10 inches wide (1.17 meters high by 1.17 meters wide), corresponding to their abstract number and day of presentation in the final program.

MEETING PUBLICATIONS

ECS Meeting Abstracts—All meeting abstracts will be published in the ECS Digital Library, copyrighted by ECS, and all abstracts become the property of ECS upon presentation.

ECS Transactions—The authors of all oral and poster presentations scheduled for SOFC-XVII are obligated to submit a full text paper to the online proceedings publication, *ECS Transactions (ECST)* (see page 3). Abstracts will not be scheduled for presentation without a corresponding full-text ECST paper. Upon completion of the review process, papers from this issue will be published prior to the start of the meeting. Once published, papers will be available for sale through the ECS Digital Library. Please visit the ECST website (<https://www.electrochem.org/ecst>) for additional information, including overall guidelines, deadlines for submissions and reviews, author and editor instructions, a manuscript template, and more.

ECSarXiv – All authors are encouraged to submit their full-text manuscripts, posters, slides, or data sets to ECS's preprint service, ECSarXiv. For more information on this offering, please visit <http://www.electrochem.org/ecsarxiv>. Please note that submission to ECSarXiv does not preclude submission to ECST.

ECS Journals – Authors presenting papers at ECS meetings, and submitting to ECST or ECSarXiv, are also encouraged to submit to the Society's technical journals: *Journal of The Electrochemical Society* and

ECS Journal of Solid State Science and Technology. Although there is no hard deadline for the submission of these papers, it is considered that six months from the date of the symposium is sufficient time to revise a paper to meet the stricter criteria of the journals. Author instructions are available from <http://www.electrochem.org/submit>.

TECHNICAL EXHIBIT

The SOFC-XVII Meeting will include a Technical Exhibit, featuring presentations and displays by manufacturers of instruments, materials, systems, publications, and software of interest to meeting attendees. Coffee breaks are scheduled in the exhibit hall along with evening poster sessions.

Interested in exhibiting at the meeting with your company? Exhibitor opportunities include unparalleled benefits and provide an extraordinary chance to present your scientific products and services to key constituents from around the world. Exhibit opportunities can be combined with sponsorship items and are customized to suit your needs. Please contact sponsorship@electrochem.org for further details.

MEETING REGISTRATION

All participants—including authors and invited speakers—are required to pay the appropriate registration fees. Hotel and meeting registration information will be posted on the SOFC website as it becomes available. **The deadline for discounted early registration is June 21, 2021.**

HOTEL RESERVATIONS

The SOFC-XVII Meeting will be held at the Brewery Conference Center, Stockholm, Sweden. Please refer to the meeting website for the most up-to-date information on hotel availability and information about the blocks of rooms where special rates have been reserved for participants attending the meeting. **The deadline for hotel reservations is May 17, 2021.**

LETTER OF INVITATION

Individuals requiring an official letter of invitation should email meetings@electrochem.org; such letters will not imply any financial responsibility of ECS.

SPONSORSHIP OPPORTUNITIES

The SOFC meeting offers a wonderful opportunity to market your organization through sponsorship, allowing exposure to key industry decision makers, development of collaborative partnerships, and potential business leads. Support is welcomed in the form of general sponsorship at various levels. Sponsors will be recognized by level in the meeting program, onsite signage, and on the ECS website, with a link to your organization. In addition, custom sponsorship packages are available, such as coffee breaks, meeting keepsakes, and the SOFC banquet. These opportunities include additional recognition, and may be customized to create personalized packages. Advertising opportunities for the meeting program are also available. Please contact sponsorship@electrochem.org for further details.

SOFC also offers speaker sponsorship. By sponsoring a speaker your company can help offset travel expenses, registration fees, and/or complimentary proceedings.

Please contact sponsorship@electrochem.org for further details.

CONTACT INFORMATION

If you have any questions or require additional information, contact ECS.

The Electrochemical Society

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CALL FOR PAPERS

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The **Seventeenth International Symposium on Solid Oxide Fuel Cells (SOFC-XVII)** will provide an international forum for the presentation and discussion of the latest research and developments on solid oxide fuel cells (SOFCs), solid oxide electrolysis cells (SOECs), and related topics. Papers are solicited on all aspects of solid oxide fuel cells and electrolyzers. Following is a partial list of topics to be addressed: (1) materials for cell components (*e.g.* electrolyte, electrodes, interconnection, and seals); (2) fabrication methods for cell components, complete cells, and stacks; (3) cell designs, electrochemical performance, and modeling; (4) stack designs and their performance; (5) utilization of different fuels with or without reformation; (6) stationary power generation, transportation, and portable power applications; and (7) prototype SOFC and SOEC systems, field test experience, cost, and commercialization plans.

Any questions and inquiries should be sent to the symposium organizers: **Eric D. Wachsman**, University of Maryland, e-mail: ewach@umd.edu; or **Teruhisa Horita**, AIST, e-mail: t.horita@aist.go.jp.

All papers presented will be included in an electronic issue (on USB drive) of *ECS Transactions* which will be available at the meeting. All authors are obligated to submit their full text manuscript no later than **April 16, 2021**. All manuscripts should be submitted online, and must include an MS Word version to allow editors to make minor formatting/ editorial changes.

Abstracts should be submitted electronically by
February 5, 2021 to
<https://ecs.confex.com/ecs/SOFC2021/cfp.cgi>.

Meeting abstract submission opens	August 2020
Meeting abstract submission deadline	February 5, 2021
<i>ECS Transactions</i> submission site opens	March 15, 2021
Meeting registration opens.....	March 15, 2021
Technical Program published online/ Notification to Corresponding Authors of abstract acceptance or rejection	March 15, 2021
<i>ECS Transactions</i> submission deadline	April 16, 2021
Meeting Sponsor and Exhibitor deadline (for inclusion in printed materials).....	May 7, 2021
Hotel block deadline	May 17, 2021
Early meeting registration deadline	June 21, 2021
Release date for <i>ECS Transactions</i>	on or before July 9, 2021

*a full schedule of dates and deadlines may be found at
<https://www.electrochem.org/symposium-organizer-info>, under “Meeting Deadlines”