

# 2017 Fuel Cell Seminar Call for Abstracts Open!

## The Fuel Cell Seminar & Energy Exposition is proud to announce its 2017 Call for Abstracts.

With exciting research, progress, and growing commercial deployment and success around the world, we have created a broad topic list, with some overlap, to make it easy to find a fit for your area of expertise.

We encourage those with innovative perspectives, cutting-edge R&D, and real world experience to submit abstracts for consideration for the Seminar's oral presentations and poster sessions. The goal is to create an informative, dynamic and "electrifying" conference that truly showcases the fuel cell and hydrogen industry's vast reach into different market sectors today and the tremendous potential of what's to come.

Abstract submissions are due by May 27, 2017. Please see the Submission Guidelines at the end of this document for instructions.

The Fuel Cell Seminar & Energy Exposition will be held November 7-9, 2017, at the Long Beach Convention Center in Long Beach, California. For further details about the Seminar, please visit [www.fuelcellseminar.com](http://www.fuelcellseminar.com).

### Topic Areas:

#### Technology Progress

- Hydrogen Production
- Stationary Applications
- Transportation Applications
- Material Handling
- Specialty Vehicle Applications
- Portable Applications
- Hydrogen Infrastructure
- Electrolysis
- Reformation
- Storage
- Testing and Design
- Other

#### Deployment Progress

- Case Studies
- Permitting
- Incentives for Producers and Consumers
- Regulatory Challenges and Opportunities
- Education Issues and Opportunities
- Balance of Plant Issues and Opportunities

## Research Progress

- Fuel Cells (all types)
- Storage and Delivery
- On-Board and Portable Storage
- Production Methods
- Advanced R&D
- Analysis

## Fuel Cell Advances

- Membranes and MEAs
- Catalysts
- Cost reduction
- Durability improvement
- Manufacturing
- Water management
- Operation under extreme temperatures
- Other

## Safety, Codes and Standards

- Model Codes (I-Codes, NFPA)
- National Standards and Best Practices
- State and Regional Implementation
- International Standards and Activities
- Research supporting codes and standards
- Education and Training
- Safety systems, including testing and design challenges
- Hydrogen quality specification
- Global harmonization
- Case studies and lessons learned in permitting and installations
- Other

## Transportation

- Light-duty transportation
- Medium-duty transportation
- Heavy-duty transportation
- Material handling
- Off-road and specialty (range extenders)
- Rail
- Marine
- Aircraft
- Unmanned vehicles
- Other

## Infrastructure Deployment

- Coordinated vehicle and station deployment
- Novel station siting solutions
- Regional plans
- Experience: Lessons learned

## Stationary Power Applications

- Utility-scale
- Distributed power
- MicroCHP/co-generation
- Residential
- Off-grid/remote power
- UPS and backup power
- Energy Storage
- Micro grids

## Hydrogen Production

- Renewables including biomass
- Waste-to-Gas
- Natural gas, coal
- Reforming technologies
- Electrolysis technologies
- Carbon sequestration
- Nuclear
- Photobiological
- Photoelectrochemical
- Power-to-Gas
- Novel production methods

## Fuels

- Hydrogen
- Natural Gas
- Biogas
- Methanol
- Ammonia
- Ethanol
- Syngas
- Borohydrides
- Other

## Supply Chain and Balance of Plant

- Catalysts
- Membranes
- Testing, system design and engineering
- Manufacturing
- Value chain
- Other

## Portable and Micro Fuel Cell Applications

- APUs
- Electronics
- Recreational applications
- Interchangeability
- Regulatory
- Other

## Markets/Market Analysis

- Hydrogen Production, Storage and Delivery
- Fuel Cells
- Transportation
- Infrastructure/Fuel Options
- Material handling and logistics
- Portable and Micro Fuel Cells
- Cost/benefit and policy
- Employment
- Other

## Finance and Commercialization

- Business plans, startup and growth
- Pitching to investors
- Lessons learned
- Venture Capitalists, equity, PPAs, other forms of capital and financing
- Transitioning from an R&D focus to commercialization
- Barriers to commercialization
- Advantages and disadvantages of growth
- Manufacturing and supply chain
- Working with National Laboratories
- Business expansion, cross-border relationships
- Opening new markets

## Governments as Adopters

- International Programs and Plans
- State and Regional Programs and Plans
- Military
- Transit Authorities
- Other

## Policy

- International (multinational) initiatives
- U.S. national initiatives including tax incentives and funding opportunities
- National initiatives from around the world
- State/province/prefecture initiatives
- Other

## Opportunities for Fuel Cells and Hydrogen

- VW Settlement overview
  - VW Environmental Mitigation Trust (EMT) – eligible projects, state allocations
  - VW ZEV Investment Fund
- Energy Storage
- Fleet vehicles
- Airports and ports
- Other

## Communication, Education and Outreach

- Novel outreach techniques to new markets/customers
- Web and social media tools
- Media – rapid response and proactive outreach
- Educating code, elected officials and staff members
- Universities and beyond

# 2017 Call for Abstracts Submission Guidelines

## Fuel Cell Seminar & Energy Exposition Abstract Submission Deadline is Friday, May 27, 2017

All submissions will be reviewed through the conference's CMT Abstract Management Program. Please be sure to read through all of the guidelines and instructions prior to submission.

### GENERAL GUIDELINES

1. Please limit your abstract to 600 words, and each submission uploaded should contain no fewer than 300 words each. Please upload your submission as an MS Word file or a PDF file.
2. Files up to 9MB are acceptable.
3. All abstracts must be submitted electronically; No hard copies will be accepted.
4. Abstracts should describe original work.
5. If submitting more than one abstract, please submit each separately.
6. Please indicate the following for each abstract submission:
  - o Primary Author - Note: the Primary Author is also the Presenting Author and the author with whom all correspondence will be made.
  - o Additional Authors (co-author(s) of the paper)
  - o For the Primary Author ONLY, please provide a short biography (WORD LIMIT OF 150 WORDS), which includes your full contact information.
7. When submitting supporting documentation, please consider adding a recent photo. The conference mobile app will include your photo along with your session description. Submitting a photo is optional.
8. By submitting a presentation you agree (if selected) to upload your presentation file(s) (for Oral presenters ONLY) by Friday, September 29, 2017.

### SUBMISSION & FORMAT GUIDELINES

1. Log into the CMT Abstract Management Program:  
<https://cmt3.research.microsoft.com/FCSEE2017>

If this is your first time using CMT, you must create an account. Make sure that your browser has cookies and Javascript enabled, and add

[cmt@microsoft.com](mailto:cmt@microsoft.com) to your list of safe senders (whitelist) to prevent important email announcements from being blocked by spam filters.

2. Click "Create New Submission."

Enter your Abstract Title:

- Capitalize only the first letter of each word (do not capitalize prepositions and articles)
- Do not use all UPPERCASE characters
- Do not use a period at the end of the title

Enter your abstract. Be sure to check spelling and conformance with the 2017 guidelines.

3. The Primary Author should also be the Presenting Author, or the author that will actually present the paper onsite.
- The Primary Author will be considered the contact person for a submitted abstract. It is the responsibility of the Primary Author to contact all co-authors with the acceptance status and scheduling of the poster or oral presentation of the abstract at the meeting
  - Be sure to give a current e-mail address for the Primary Author. Abstract related correspondence is done via e-mail, so an incorrect e-mail address could cause a delay in the receipt of important information.
  - Add any co-authors/collaborators with whom you have prepared this abstract or with whom you will be presenting.
4. Please select one subject area that your abstract addresses. Note every effort will be made to accommodate your request; however, abstracts may be moved to a different subject area by the Program Committee, should they feel it necessary.
5. Upload the supporting documentation for your submission. You can upload from one to three files. When submitting supporting documentation, please consider adding a recent photo. The conference mobile app will include your photo along with your session description. Submitting a photo is optional. If submitting a photo, please agree to authorize the conference organizers to use your photo in conference promotional materials.
6. Choose your presentation preference. Please select either an oral presentation or a poster presentation. Every effort will be made to accommodate your request; however, the Program Committee reserves the right to move your abstract into a different presentation category as they see fit.

7. Enter a brief biographical sketch for the Primary Author ONLY. The Bio-sketch is limited to 150 words or less. Biographies will be used to produce an introduction to each accepted speaker during the session, and may be published.
8. In some cases, presentations from the Poster Presentation category are chosen to act as a "Reserve" Oral Presentation. Reserve presentations may be chosen to fill in for an oral presentation, should there be a need for replacement.

Once you have submitted your abstract, please be sure to review your submission. Upon submission, a confirmation e-mail will be sent to the e-mail address provided for the Primary Author

## REVISE/WITHDRAW

### Replacement and Corrections

- To make edits to an existing abstract submission, you may log in to your abstract submission site, using your Username and Password that you initially created. Edits can be made using this method up until the abstract submission deadline, **Friday, May 27, 2017**.
- Any changes to an existing abstract after the submission deadline must be made in writing at [fuelcellseminar@fchea.org](mailto:fuelcellseminar@fchea.org), attention: Karen Quackenbush.
- Changes requested after the abstract submission deadline cannot be assured to appear in the meeting publication.

**IMPORTANT:** Do not resubmit your abstract. You may end up with duplicate submissions.

### Withdraw a Submitted Abstract

- To withdraw an existing abstract prior to the submission deadline date, **Friday, May 27, 2017**, you may log-in to the submission site using your Username and Password. Then click on the abstract to be withdrawn, and then click on "Delete this Submission" at the bottom of the screen.
- If you wish to withdraw your abstract after the deadline date, your request must be made in writing. Please submit your request via e-mail [fuelcellseminar@fchea.org](mailto:fuelcellseminar@fchea.org). You will receive a separate confirmation email regarding your withdrawal.
- Any requests for withdrawal after the deadline date may not be granted prior to review.