



CLEERS is an R&D initiative supported by the U.S. Department of Energy's Vehicle Technologies Office and guided by the DOE Advanced Engine Crosscut Team.

News

- The new [CLEERS website](#) is now available. We are still working to transition some of the content from the old version of the website to the new one (particularly the data repository), but we hope to have that work completed this quarter. Please [let us know](#) if you have any questions or comments about the new site.
- The next [CLEERS Workshop](#) will be held **October 3-5, 2017** at the Sheraton Ann Arbor. The [website for submitting abstracts](#) for contributed presentations and posters is now open. Please note the following dates:

- Deadline to submit an abstract for a contributed oral presentation or poster: **June 16, 2017**
 - Notifications of whether contributed abstracts were included in Workshop agenda: **August 1, 2017**
 - Deadline to register with reduced fee (\$225): **August 15, 2017**
 - Deadline to register with full fee (\$300): **September 26, 2017**
 - Deadline to register for no-host dinner: **September 26, 2017**
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Website Postings

- Check out the new CLEERS website events calendar! In addition to CLEERS [Workshops](#) and [Teleconferences](#), the events calendar includes other conferences and meetings that we think would be of interest to members of the CLEERS community. You can view the events in [list](#) or [calendar](#) format; just select your desired view in the upper right corner of the events page. Please [let us know](#) if we missed an event that you think should be on the list.
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- One of the new features we would like to add to the CLEERS website is a page of links to research dissertations and theses relevant to the CLEERS community. If you would like to share your dissertation or thesis in this manner, please [contact us](#).
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Teleconferences

CLEERS Focus Group Teleconferences are open to members of the Advanced Engine Crosscut Team and their nominees. Teleconferences will typically be held on the third Wednesday of most months at 11:00 AM eastern time. Connection information will be

sent to Focus Group participants prior to the teleconference date. If you have questions about teleconference participation, please [contact us](#).



Wednesday, May 17, 2017
11:00 AM (eastern)

Hee Je Seong, Ph.D.
Engine Research Engineer
Argonne National Laboratory

"Engine oil-derived ash impacts on TWC-coated GPFs: Ash chemistry and catalyst deactivation"



Wednesday, June 21, 2017
11:00 AM (eastern)

Balaji Sukumar, Ph.D.
Computational Modeling Manager
Johnson Matthey Inc.

Events

Dates	Event
May 9-10	Emissions 2017 (Novi, MI)

May 11	DOE Advanced Engine Crosscut Team Meeting (Southfield, MI) - <i>Invitation Only</i>
June 4-9	25th North American Meeting (NAM) of the Catalysis Society (Denver, CO)
June 5-9	DOE Vehicle Technologies Office Annual Merit Review and Peer Evaluation Meeting (Washington, DC)
July 20	DOE Advanced Engine Crosscut Team Meeting (Southfield, MI) - <i>Invitation Only</i>
August 20-24	254th ACS National Meeting (Washington, DC)
August 27-31	Europacat 2017 (Florence, Italy)
September 3-5	MODEGAT V - 2017 (Bad Herrenalb, Germany)
September 10-14	SAE 13th International Conference on Engines and Vehicles Capri, Italy
September 14	DOE Advanced Engine Crosscut Team Meeting (Southfield, MI) - <i>Invitation Only</i>
September 18-20	SAE 2017 Commercial Vehicle Engineering Congress (Rosemont, IL)
October 3-5	2017 CLEERS Workshop

(Ann Arbor, MI)

For a complete calendar of events, please see the [CLEERS website](#).

Perspectives

Exhaust Aftertreatment Modeling Pitfalls

Ed Bissett

Gamma Technologies

This is a limited, informal, admittedly opinionated list intended to address modeling pitfalls. Many may seem obvious, but to my intended audience of practical modelers for realistic applications, I have seen these repeatedly over the many years I have been involved, and I continue to see them. Space and clarity preclude me from extensive qualifications of my remarks, which I must trust the reader to infer. I hope you will find something here to help you in your work. [[link to full column](#)]



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The CLEERS Newsletter is distributed by:

ORNL Fuels, Engines, and Emissions Research Center

2360 Cherahala Blvd.

Knoxville, TN 37932

Funding for the CLEERS Newsletter is provided by:

U.S. Department of Energy Vehicle Technologies Office

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