



77th Annual Gaseous Electronics Conference

San Diego, California

September 30 - October 4, 2024

[Become a Presenter]

Abstract submission is now open for the **77th Gaseous Electronics Conference (GEC)** in sunny San Diego, California, USA. Complete details about how to submit the abstract and [sorting categories](#) can be found on the [GEC 2024 website](#).

Important deadlines

June 3, 2024 - 5:00 pm EDT:

- Abstract submission
- Student Award for Excellence nomination
- Student Travel Grant application

September 20, 2024 - 5:00 pm EDT:

- Student poster prize nomination

About GEC

GEC is the leading annual event for the exchange of ideas and reporting research in low-temperature plasma science and technology. The areas of emphasis are the science of plasma sources, diagnostics, modeling, plasma chemistry, basic phenomena, and atomic and molecular collision processes. GEC is often at the forefront of reporting on emergent areas of plasma-based technologies, including microelectronics, propulsion, biotechnology, plasma medicine, multiphase plasmas, environmental applications, and atmospheric-pressure plasma systems.

The 2024 GEC will feature [invited talks](#) from leaders in plasma science and technology, as well as atomic and molecular collisions.

The 2024 Will Allis Prize talk, “Looking for plasma diagnostic techniques in unusual places”, will be given by Vincent Donnelly, William A. Brookshire Department of Chemical and Biomolecular Engineering, University of Houston, USA.

Thanks to the generosity of Intel Corporation, Lam Research, and Micron Technology, Inc., APS will now award the Will Allis Prize for the Study of Ionized Gases annually. Prize nominations are due Monday, June 3, 2024. Details can be found on the [Will Allis Prize website](#).

Monday Workshops

Make the most of the week by attending a focused workshop or tutorial:

- Tutorial: Data-driven Plasma Science (Organizers: Jan Trieschmann, Satoshi Hamaguchi)
- Workshop: Fundamentals of Gas Breakdown (Organizer: Ken Hara)
- Workshop: Plasma Nanoscience (Organizer: Lorenzo Mangolini)

- Tutorial: Hands-on Plasma Modeling (Organizer: Steve Shannon and Igor Kaganovich)
- Workshop: Plasmas for Sustainability (Organizer: Carmen Guerra-Garcia and Tiago Silva)

Special Events

Attendees will enjoy networking and special events, like:

- Banquet and award ceremony
- Women in Science event
- Will Allis Award presentation
- GEC Student Award for Excellence
- GEC Student Poster Award
- Student Networking event

Please see the [2024 GEC website](#) for details about these events.

We have attached a 1-page announcement flyer. Please post it in your department and share it with colleagues.

We look forward to welcoming you to San Diego!

Sincerely,

Shahid Rauf | GEC Chair | shahid_rauf@amat.com

Venkatraman Ayyaswamy | GEC Secretary | vayyaswamy@ucmerced.edu