

GEC 2026 – 1st Announcement

Dear Colleagues,

We are pleased to announce that the 79th Gaseous Electronics Conference (GEC) will be held on **November 2-6, 2026 in Chicago, Illinois** jointly with the 68th APS Division of Plasma Physics Conference, at the Hilton Chicago, 720 South Michigan Avenue, Chicago, IL 60605, USA.

The GEC is a leader in providing a venue 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 2026 GEC will feature invited talks from leaders in plasma science and technology, as well as atomic and molecular collisions. The complete list of invited speakers is available at https://www.apsgec.org/gec2026/invited_speakers.php. Among other topics, these invited speakers will discuss:

- Plasma applications in semiconductor manufacturing
- Electric propulsion
- Ionization and dissociation of molecules
- Plasma theory and modeling
- Plasmas in liquids
- Atomic layer deposition and etching

The 2026 GEC will begin with workshops/tutorials on Monday; a call for workshop proposals is now open, for more information please refer to the material at the following website: <https://www.apsgec.org/gec2026/workshops.php>. The lists of topics and speakers will be published on <https://www.apsgec.org/gec2026/workshops.php>.

A few special features of the 2026 GEC include:

- 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 2026 GEC website (<https://www.apsgec.org/gec2026/index.php>) for details about these events. The information about abstract submission and award/grant nominations is also posted on the GEC website.

Please keep the following important deadlines in mind:

July 22, 2026:

- Abstract submission deadline

- Student Award for Excellence nomination
- Student Travel Grant application

August 5, 2026:

- Student poster prize nomination

We look forward to welcoming you in Chicago.

Sincerely,

Mark Koepke | GEC Chair | Mark.Koepke@mail.wu.edu
Davide Curreli | GEC Secretary | dcurreli@illinois.edu