

Subject: 78th Annual Gaseous Electronics Conference. Abstract Submission Starts

Dear Colleagues,

The 78th Annual Gaseous Electronics Conference (GEC) will be held in Seoul, Republic of Korea from October 13 - 17, 2025. Abstract submission is now open for the 2025 GEC. Complete details about how to submit the abstract and [sorting categories](#) can be found on the [GEC 2025 website](#).

Important deadlines

June 2, 2025 - 5:00 pm EDT:

- Abstract submission
- GEC Early Career Award nomination
- Student Award for Excellence nomination
- Student Travel Grant application

September 22, 2025 - 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 2025 GEC will have [invited talks](#) from leaders in plasma science and technology, as well as atomic and molecular collisions.

The 2025 GEC will feature two plenary talks. The 2025 Will Allis Prize talk, "Using quantum mechanics to provide plasma chemistries", will be given by Jonathan Tennyson, Professor at the University College London, UK. The 2025 GEC Foundation Talk will be given by Alexander Fridman, the Nyheim Chair Professor at the Department of Mechanical Engineering and Mechanics, Drexel University, USA. Prof. Fridman's talk is titled "Short-pulsed cold and 'very cold' discharges in high-pressure gases and liquids."

Monday Workshops

Make the most of the week by attending a focused workshop or tutorial. The workshops and their organizers are the following. Details about the workshops will be posted on the [2025 GEC Workshops](#) website.

- Plasma Photonics - Profs. Gerrit Kroesen (TU/e, Netherlands) and Mark Cappelli (Stanford University, USA)
- Space Plasma Physics and Technology - Profs. Wonho Choe (KAIST, Korea) and Stephane Mazouffre (CNRS, France)
- Industrial Applications of Plasma Technology to Microelectronics - Drs. Sangki Nam (Samsung Electronics, Korea) and Jung-Sik Yoon (KFE, Korea)

- Combining Plasma Modeling and Machine Learning - Profs. Byungjo Kim (UNIST) and Ho Jun Kim (Hanyang UniversityERICA, Korea)
- Advanced Plasma Technology for Anomalous and Extreme Conditions - Prof. Gunsu Yun (POSTECH, Korea)

Special Events

Attendees will enjoy networking and special events, like:

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

Please see the [2025 GEC website](#) for details about these events.

We look forward to welcoming you to Seoul!

Sincerely,

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