



# Annual Gaseous Electronics Conference

October 9 – 13, 2023 | Ann Arbor, MI

The GEC is a leader in providing a venue for the exchange of ideas and reporting research, the areas of emphasis being 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.

## Invited Speakers

The 2023 GEC will feature invited talks from leaders in plasma science and technology, as well as atomic and molecular collisions. These speakers will discuss the latest developments in:

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

The complete list of invited speakers is on the GEC website.

## Workshops (Monday)

- Alternative Propellants for Electric Propulsion
- US DOE-Funded Collaborative Low-Temperature Plasma Research Facilities
- Plasmas, Semiconductor Manufacturing, and the CHIPS Act
- Don Madison Memorial Workshop on Atomic and Molecular Collisions



## The 2023 GEC will feature:

- Contributed and invited talks in concurrent sessions on Tuesday – Friday
- Poster sessions in the middle of the week
- Banquet and award ceremony at the Henry Ford Museum of American Innovation
- Women in Plasma Science

## Deadlines

### June 2, 2023

- Abstract Submission
- Early Career Award
- Student Travel Grant
- Student Award for Excellence

### September 29, 2023

- Student Poster



Scan the QR code  
to learn all about  
the **GEC 2023**  
event.

## For technical information, contact:

Shahid Rauf | GEC Chair | shahid\_rauf@amat.com  
Scott Baalrud | GEC Secretary | baalrud@umich.edu