

# The 17th IEEE International Conference on Green Energy & Smart Systems (IEEE GESS 2026)

November 2 ~ 3, 2026, Long Beach, California

Call for Papers: <https://site.ieee.org/clas-sysc/call-for-papers>



The 17th IEEE GESS continues its tradition of fostering collaboration between academia and industry through a premier scholarly symposium. We invite submissions of high-quality research papers in the areas of smart systems and green energy, with particular emphasis on the applications of machine learning. The conference will be held in Long Beach, California, a city known for its vibrant attractions and coastal charm. The theme of IEEE GESS 2026 focuses on, but is not limited to, the following research areas:

## **Smart Systems:**

Machine learning for smart systems, including but not limited to:

- Next-generation communications and signal processing
- Robotics and control systems
- Biomedical and neural engineering systems
- Unmanned aerial vehicle (UAV) and satellite systems
- Intelligent transportation systems, cellular vehicle-to-everything (C-V2X), and the Internet of Things (IoT)
- Data-driven intrusion detection, optimization, and secure cloud computing

## **Energy and Power:**

- Zero-emission vehicle (ZEV), powertrains and energy management
- Smart grids, cities, buildings, and campuses
- Electric vehicles (EVs) and charging infrastructure
- Energy storage and fuel cell technologies
- Safety and resiliency in community-scale microgrids

- Solar power systems, energy and water management, and sustainability
- Secure and advanced metering infrastructure

## **Submission & Publication:**

All accepted symposium papers will be published in the IEEE GESS Proceedings and submitted for inclusion in the IEEE Xplore Digital Library (subject to IEEE approval). Student poster papers will not be published. Submissions must follow the official IEEE Conference Templates in Word or LaTeX format, available at:

[www.ieee.org/conferences/publishing/templates.html](http://www.ieee.org/conferences/publishing/templates.html).

## **Symposium**

- Full technical papers: 4 - 6 pages

## **Student poster presentation**

- Poster Papers: 2–4 pages (not included in IEEE Xplore)

## **Important Dates (2026):**

### **For both full paper and poster presentation**

- Submission Due: Jun 30
- Acceptance Notification: August
- Camera/Poster-ready Due: October 3
- Symposium/Poster Presentation: November 2
- Workshop: November 3

## **Conference Mode:**

IEEE GESS 2026 is planned as an on-site (face-to-face) conference, with provisions for virtual participation if necessary. In the event of unforeseen circumstances—such as public health emergencies—the conference may transition to a fully virtual format. All accepted papers presented at IEEE GESS 2026 will be submitted for inclusion in the IEEE Xplore Digital Library following the conference.