



ICPS2026

The 37th International Conference on the Physics of Semiconductors 2026



Keio Plaza Hotel, Shinjuku, Tokyo

| August 16 - 21, 2026 |



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CONFERENCE TOPICS

- Material growth, structural properties, and characterization (bulk, nanowires, dots)
- Wide-bandgap semiconductors and devices
- Semiconductors for terahertz and mid infrared
- Graphene, 2D materials
- Halide perovskites and organic semiconductors
- Topological states of matter
- Spintronics, spin-related phenomena, novel spintronics materials and devices
- Low-dimensional semiconductor systems (1D, 2D)
- Quantum Hall effect, fractional quantum Hall effect
- Optical properties of quantum dots and nanocrystals, optoelectronics
- Nanophotonics
- Quantum optics, quantum emitters, NV centers
- Quantum technologies: semiconductor qubits and applications, cryo-CMOS technologies
- Semiconductor hybrid systems, nano-mechanics, novel devices

Abstract Deadline: March 15, 2026

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