

ISLC 2021: First Call for Papers

27th International Semiconductor Laser Conference
10 - 14 October | Potsdam, Germany

The ISLC is dedicated to latest developments in semiconductor lasers, amplifiers and LEDs. The conference seeks to be as inclusive as possible, to represent excellence from all global regions and in all areas of currently active semiconductor laser research.

The ISLC has more than 50 years of tradition, attended by a highly international audience and with locations cycling between the Americas, Asia/Australia and Europe/Mid-East/Africa regions every two years. Since its founding, many new and ground-breaking semiconductor devices have been first presented at this prestigious conference. The ISLC was last in Germany eighteen years ago, in 2002. The ISLC will take place, in person in Potsdam (preferred) or virtually, depending on the public health situation.

The conference website www.islc2021.org provides a full list of topics and committees, including many fine confirmed [laser legend, plenary and invited speakers](#) as well as **dedicated Sunday workshops** on highly relevant topics. The conference is accompanied by a focused [exhibition](#).

Topics include, semiconductor optical amplifiers, silicon compatible lasers, VCSELs, photonic band-gap and microcavity lasers, grating controlled lasers, multi-segment and ring lasers, quantum cascade and interband laser, sub-wavelength scale nano lasers, mid IR and THz sources, InP, GaAs and Sb materials, quantum dot lasers, high-power and high-brightness lasers, GaN and ZnSe based UV to visible LEDs, communications lasers, semiconductor integrated optoelectronics.

The **submission deadline** for your two-page conference paper is **14 May 2021**, and submission and registration will open in April 2021.

The conference is organized by the Ferdinand-Braun-Institut, Berlin with the IEEE Photonics Society as technical sponsor. All accepted and presented papers will be published on IEEE Xplore, adding to the more than 30 years of ISLC proceedings. A student poster prize is planned. The ISLC also gives authors the opportunity to submit an expanded version of their conference article to a special issue of IEEE Photonics Journal that will follow after the conference.

We very much look forward to welcoming you to the 27th ISLC in October 2021!

On behalf of the hosts, the regional chairs and the technical program committee:

Paul Crump, General Chair (Ferdinand-Braun-Institut, Germany).

Akihiko Kasukawa, Program Chair (Furukawa Electric Co, Japan).