

Second Call for Papers – Open for Submission of Abstracts!

27th International Semiconductor Laser Conference ISLC 2021 | 10 - 14 October

The ISLC is dedicated to latest developments in semiconductor lasers, amplifiers and LEDs. It represents excellence from all global regions and in all areas of currently active semiconductor laser research. ISLC 2021 and the associated exhibition are organized by the Ferdinand-Braun-Institut, Berlin and supported by IEEE Photonics Society as technical sponsor.

A full list of topics and committees, including laser legend, plenary and invited speakers and topical workshops (Automotive LiDAR and Photodetection Technology) is provided on the conference website www.islc2021.org.

The organizing team for the 27th ISLC is working hard towards an “in-person” conference, with online access for scientists who are not able to travel, following the wishes of the program and regional chairs and committee. The format will be finalized in late June 2021, based on most recent public health advice.

Proceedings: Abstract submission is open – submit your paper by 14 May 2021

Submit your paper as both Word and pdf files by email to [abstracts@ISLC2021\(at\)fbh-berlin.de](mailto:abstracts@ISLC2021(at)fbh-berlin.de) and specify your preference for oral or poster presentation.

All accepted and presented papers will be published on IEEE Xplore, adding to the more than 30 years of ISLC proceedings already available. 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.

More about the ISLC

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 conference. The ISLC was last in Germany in 2002.

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 nanolasers, 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 lasers and LEDs, communications lasers, semiconductor integrated optoelectronics.

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).