Call for Submissions

IWOC & SYCLcon 2021 will be the 9th annual gathering of the international community of developers, researchers, suppliers and Khronos Working Group members to share best practice, and to advance the use and evolution of the Open Computing Language (OpenCL), and the SYCL standard for C++ programming of heterogeneous platforms and their associated ecosystems.

This pioneering workshop has been attracting an International audience of leading academic and industrial experts since 2013 and is the premier forum for the community to present, discuss and learn about applying OpenCL and SYCL to address the issues faced in High Performance Computing across a wide range of application domains.

Topics of Interest

You are cordially invited to contribute and participate in this workshop. Topics of interest include but are not limited to:

- Scientific and high-performance computing (HPC) applications
- Machine Learning Training and Inference
- Development tools, including debuggers, profilers and reference implementations
- HPC frameworks and supporting libraries developed on top of OpenCL, SYCL, SPIR-V, Vulkan and other parallel C++ paradigms
- The use of OpenCL and SYCL on CPU, GPU, DSP, NNP, FPGA and hardware accelerators on mobile, embedded, cloud, edge and automotive platforms

Making a Submission

The workshop welcomes four types of submission, all of which will undergo peer review by at least three members of the Program Committee comprising world-leaders in OpenCL and SYCL.

- Research Papers (Full paper required)
- Technical Presentations (Abstract required)
- Tutorials and Special Sessions (1/4, 1/2 or full day. Abstract Required)
- Posters (Abstract required)

Accepted and presented papers and posters will be published in the proceedings and included in the ACM Digital Library. Full details of the submission process and guidelines for authors can be found at: www.iwocl.org/call-for-submissions

Important Dates

- Deadline for all submission types: Friday January 15, 2021
- Author notifications: Monday February 15, 2021
- Camera ready for papers and posters: Friday March 12, 2021
- Video presentations: Friday April 9, 2021

Please stay safe and healthy. We look forward to your contributions and meeting you in April 2021. Thank you very much.

Covid-19 Update: The workshop is planned to be an in-person event, hosted by TUM (Technical University of Munich) and taking place at the LRZ supercomputing centre in Munich, Germany. We are constantly monitoring the International pandemic and if necessary will go fully or partially virtual/online, as we did in 2020. Authors will be required to submit video recordings of their presentations. Registration fees will be adjusted accordingly and posted on the website.

Website: www.iwocl.org