Call for Speakers

Core C++ 2025: October 19th

Deadline: Thu, August 14th

cfs.corecpp.org

corecpp.org

From medical devices and flash storage to CPUs and advanced navigation systems, Israeli innovation pushes the boundaries of the imagination. Advanced software is at the heart of many of these systems, and when it comes to bare-metal performance, low power-consumption and massive scalability, C++ is king.

Core C++ 2025 will take place on October 19th. The conference is aimed at C++ developers and practitioners as well as academic researchers and teachers who wish to be updated by the newest developments of C++ and present their work with C++.

Core C++ is one of the largest C++ Conferences in the world and is the main community event for Israeli C++ developers and the best opportunity to meet world experts in person. All talks will be recorded and made available online.

Format

Talks are generally 30 or 60 minutes long (including Q&A), but 90 or 120 minutes long talks will be considered. The conference will feature a lightning talk event as well. Details will be provided closer to the event, but it will likely be open for everyone to speak.

Suggested Topics

- **C++ language**: evolution, discussion, latest C++ language and library features, best practices and use case studies;
- **Development process**: code analysis, Unit Testing, codebase maintenance, package management, deployment;
- **Useful tools and libraries**;
- **AI-Powered Development**: Exploring how AI tools can enhance C++ development workflows—code generation, static analysis, bug detection, refactoring, documentation, and performance tuning. Includes integration of AI-assisted IDEs, linters, and model-based testing tools into modern C++ pipelines;

- **HW and SW platforms**: Embedded, Real Time, GPU, HPC, AI;
- **Industry specific perspective** such as mobile platforms, games, VR/AR, low-latency, machine learning, computer-vision, drones and autonomous vehicles;
- **Academic Research**: teaching C++ and common pitfalls for newbies, language analysis, C++ applications in research, language analysis;
- **C++ Basics**: fundamental topics that aren't necessarily new but are part of the knowledge backbone every C++ programmer should have. The target audience can be inexperienced C++ programmers as well as experienced ones interested in strengthening their foundations.

The conference will feature two or three full tracks and additional community events. The talks may be given in English or Hebrew.

For talks from past Core C++ visit:

- 2024.corecpp.org/schedule
- 2023.corecpp.org/schedule
- 2022.corecpp.org/schedule

To propose a talk to **Core C++ 2025** please fill the form at cfs.corecpp.org.
The deadline for submissions is **Aug 14th 2025**.

For any questions feel free to contact us at info@corecpp.org.