

# TECHNICAL COMMITTEE UPDATE

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OpenACC Summit 2021



# TECH COMMITTEE OVERVIEW

Who? – Representatives from the member organizations

Goal?

- Maintain and evolve the technical specification for OpenACC directives
- Support implementors as they implement the specification
- Interface with users regarding their challenges & help to solve them
- Interface with broader parallel programming ecosystem (for example, LLVM, Fortran, C++)

# TECH COMMITTEE PROGRESS IN 2021

- OpenACC is a mature specification, we hear few requests for major new features
- Error Handler – Error conditions now better defined throughout and a custom error handler can be registered.
- Clarified various behaviors with regard to NULL pointers
- Per-device initialization & shutdown.
- Added `acc_wait_any` and `acc_wait_any_device`
- Significant restructuring and clean-up
- Improvements to (internal) rationale document