4th FPGA Developers' Forum (FDF) meeting

26 May 2027 - 28 May 2027

CERN

Scientific Programme

Sharable HDL cores

HDL modules that are shared under any licence to be used in any FPGA design.

Algorithm implementation in HDL and HLS

Implementations of algorithms both in HDL or HLS.
For example: peak finding, clustering, neural networks, boosted decision trees, transforms, etc.

Solutions to everyday digital design problems

Have you encountered some common problem, and you solved it in a way that you would like to share?
For example: fast memory access, multiple transceiver configuration, clock domain crossing methods, super logic region crossing, NoC, etc.

HDL development tools

Tools to help HDL development that are shared under any licence.
For example: code management on version control systems, continuous integration, register mapping, package generations, etc.

HDL verification and simulation tools

Tools to help HDL verification or simulation, that are shared under any licence.