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## The new CI4FPGA service at CERN

*Wednesday 21 May 2025 17:50 (20 minutes)*

The CI4FPGA service aims to provide CERN-based FPGA developers with suitable infrastructure and pre-configured Docker images for all essential EDA tools, while maintaining high ease of adoption for its users. This should eliminate the need for individual development teams to deploy and, importantly, maintain their own solutions. Furthermore, by simplifying access to CI workflows, it can help enhance confidence in the quality of shared code, thereby increasing collaboration and code reuse across teams.

This presentation will introduce this new service, outline the types of runner nodes available for running CI jobs, describe the pre-configured Docker images, demonstrate the comprehensive, automatically-generated documentation that supports the service, and highlight convenience features, such as pre-compiled simulation libraries.

### Talk's Q&A

During the talk

### Talk duration

15'+7'

### Will you be able to present in person?

Yes

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**Session Classification:** Solutions to everyday digital design problems

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