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OpenStack Foundation - Private and public Cloud experiences

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Since 2013 CERN is running OpenStack for its private Cloud Infrastructure which exposes the CERN compute resources for 13,000 physicists around the world to support fundamental research in High Energy Physics. With more than 7,000 servers and 190,000 cores spread over two data centres, this is one of the world's largest OpenStack private clouds.

This talk will describe the history, the architecture, the tools and the technical decisions behind the CERN OpenStack Cloud Infrastructure

Presenter: Dr GIORDANO, Domenico (Computing Engineer, CERN IT Department)