Contribution ID: **31** Type: **not specified**

# Workflows automation @CERN IT with CERNMegabus

*Tuesday 9 October 2018 11:00 (25 minutes)*

In the CERN IT agile infrastructure, Puppet is the key asset for automated configuration management of the more than forty thousand machines in the CERN Computer Centre. The large number of virtual and physical machines runs a variety of services that need to interact with each other at run time.
These needs triggered the creation the CERNMegas project, which automates the communication between services on the base of message subscription, message publishing and reaction on message revival.
This presentation focuses on the two recent use cases implemented with the CERNMegabus in the CERN IT. The first is the synchronous management of the application state of machine. The second one is the handling of the Power Cut automation in the CERN Computer Centre.

## Desired length

20

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**Session Classification:** Basic IT Services

**Track Classification:** Basic IT Services