Contribution ID: **3**                                                                 Type: **not specified**

# Bring up a MTCA.4 System

*Tuesday 11 December 2012 11:00 (1 hour)*

This 60 minute presentation shows, which hardware and software tools reduce the time to bring up a MicroTCA.4 system with minimal risk.The presentation integrates a life demo which shows typical situations, how to quickly identify issues and how to solve them.

The attendees learn how the key differences of the MicroTCA standard compared to other open standards make the installation and maintenance of systems in the lab and in the field easier and quicker.

After the selection of the hardware components (CPU, storage, FPGA, IO) and software (Operating System, drivers, etc) the integration into a MicroTCA system starts. The standard MicroTCA and therefore also MicroTCA.4 defines the implementation for example electronic keying, inventory and sensor and alarms.

The presentation explains how to use these mandatory functions to the users benefit to bring up a MicroTCA system more easily and reliable. The question will be answered what tools reduce the time to identify configuration errors, incompatibilities, mismatches and other issues.

The life demo shows by integrating components in a MicroTCA.4 system step by step some typical and some critical issues, which sometimes in other standard are only discovered in the field.

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**Session Classification:**   Tutorials

**Track Classification:**   Others