

Session Program

1-4 Dec 2025

**14th MicroTCA Workshop for Industry and
Research**

Session 7

Thursday 4 December

09:00

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Session | Convener: Axel Winter

09:00–09:15 **Summary of the 2025 MicroTCA workshop in China**

Speaker
Junqiang Zhang

09:15–09:30 **Update on the development and deployment of the MicroTCA based detector controller, NGCII**

Speaker
Mathias Richerzhagen

09:30–09:45 **The DAMC-DS5014DR: A High-Speed, High-Performance RFSoc-Based Digitizer Utilizing AMD Zynq UltraScale+ Technology in a MicroTCA.4 Form Factor for Diverse Scientific Applications**

Speaker
Dr Behzad Boghrati

09:45–10:00 **2025 Status Report — MYRRHA/MINERVA LLRF System**

Speaker
Dr Andrea Bellandi

10:00–10:15 **Status Update on the Open-Source Synchronous Multi-Axis Motion Controller Solution for Large-Scale Experimental Physics Projects**

Speaker
Michael Randall

10:30

10:15–10:30 **Discussion**