

MicroTCA Technology Lab (A Helmholtz Innovation Lab): A Status Update on Current Activities

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Helmholtz Innovation Labs (HILs) have been established throughout Germany since 2016 to create enabling spaces for the interaction of large public research centers with industry. Possible areas of cooperation include joint product development or improvement, demonstration and test of novel industry solutions and business models, marketing and training as well as supporting activities for emerging user communities. Within the HIL-framework, DESY has established the MicroTCA Technology Lab with the following core activities:

- High-end test and measurement services,
- Customer-specific developments in MicroTCA (hardware, firmware, software),
- Turn-key System configuration and integration.

Officially opened in April 2018, our lab has delivered projects in industry and research in these areas while maintaining links to a wide spectrum of industry partners, supporting the further enhancement of the MicroTCA standard by contributing to development initiatives within the framework provided by PICMG.

Primary author: Dr WALTER, Thomas (DESY)

Co-authors: Dr SCHLARB, Holger (DESY); Dr MAHNS, Ilka (Deutsches Elektronen-Synchrotron DESY)

Presenter: Dr WALTER, Thomas (DESY)

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