

EPICS in small labs, ‘Quo vadis’ hardware for data acquisition

Tuesday, 8 April 2025 11:20 (20 minutes)

When using EPICS in smaller laboratories, one is confronted with the task of selecting and procuring suitable hardware for data acquisition.

Above all, these are often very individual installations for which large numbers of hardware components of one type are not required. In these laboratories, there is usually no technical support that can carry out FPGA programming and design, etc.

With VMEbus, it was (and in some cases still is) possible to configure customised and practical individual systems. This no longer seems possible with modern systems such as uTCA.

Furthermore, one is confronted with the fact that proprietary laboratory systems such as gas chromatographs, spectrometers, potentiostats, etc. have to be integrated in chemistry.

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Session Classification: EPICS Plenary Session

Track Classification: Hardware and Hardware Interfaces