

## **Title**

**Instrument control at a synchrotron beamline**

## **Speaker**

**Stefan Fiedler**

## **Abstract**

In this lecture the control architecture for the instruments in a synchrotron beamline for structural biology will be described. An important part is motion control of the distributed instruments which can be achieved with a PLC based fieldbus system.

The communication between other equipment can be managed through a control system (TINE). Different user interfaces are offered depending on the degree of automation and the need for flexibility of the application.