Implementation of high speed control algorithms on a PLC

- PLC from B&R with reACTION modules

- High speed data acquisition

- High speed implementation of PI controllers with feedforward and anti-windup (sampling time some micro seconds)

- Application in the lab to a laser setup (optical tweezers)

- Cooperation with Institute of Measurements and Sensor Systems (EMS)

- **Start**: Now

- **Contact:** martin.steinberger@tugraz.at (IRT) & felix.stollberger@tugraz.at (EMS)