**TwinCAT Hand-on Session**

Bitbucket: <https://bitbucket.org/account/user/europeanspallationsource/projects/TC>

Git workflow: [https://confluence.esss.lu.se/display/MCAG/GIT+Bitbucket+Workflow](https://confluence.esss.lu.se/display/MCAG/GIT%2BBitbucket%2BWorkflow)

TwinCAT commissioning: [https://confluence.esss.lu.se/display/MCAG/Commissioning+Workflow+TwinCAT](https://confluence.esss.lu.se/display/MCAG/Commissioning%2BWorkflow%2BTwinCAT)

In this document “###” refers to the number of the crate you are using. A yellow label should have a name:

MCAG ###

Use the information below to follow the steps for creating a Bitbucket repository and commissioning the MCU.

**Name of repository, name\_of\_project and TwinCAT solution:**

tc\_day\_test\_mcu###

**Name of Beckhoff computer:**

MCU###

**Linear stage:**

60mm per turn

**Encoder incremental:**

500 pulses/revolution

**Stepper:**

Data sheet included

Note: Set the max. current to 1,5 A instead of 1,8 A

Motor has a power supply of 24 V

The data sheets of all components are uploaded in the INDICO page of the event:

<https://indico.esss.lu.se/event/1123/timetable/#20181105>