

Operating instructions

These instructions describe, what to do, whenever you leave the experiment unattended. It is divided into three parts:

1. Short absence (≤ 2 days):

This operations have to be done, if you leave the experiment for lunch, the night or the weekend:

- Ramp down the magnet and do not leave before it is discharged completely.
- If the high voltage (HV) is not switched off, lock the door of the experiment area and the control room.

2. Long absence (> 2 days):

These operations have to be done, if you leave the experiment for more than two days:

- Ramp down the magnet and do not leave before it is discharged completely. Open the breaker.
- Switch off the HV and make sure that it can not be switched on by accident.
- Bring the gas system in a safe mode. Close the valve on the gas bottle and wait, until the pressure on the pressure reducer is 0 (no flow). Then close in addition the valve on the flow meter (called FR in the operating instruction for the gas system).

3. Emergency:

These operations are recommended and not prescribed. In case of immediate danger leave the hall without fulfilling these instructions. Use your judgment; if the situation permits, then:

- Dump the magnet by pushing the emergency button on the magnet or the power supply.
- Switch off the HV.
- **Leave the hall as fast as possible.**
- Bring the gas system in a safe mode by closing the valve on the gas bottle.