

## Description of the instrumentation at SINQ

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SINQ is a continuous spallation neutron source, driven by PSI's 590 MeV proton accelerator. Receiving a proton current of 1.3 mA, SINQ is presently the most powerful accelerator driven facility worldwide and with a thermal neutron flux in the  $10^{14} \text{ cm}^{-2}\text{s}^{-1}$  range competes with modern medium flux reactors. Neutrons are extracted through seven beam ports (five thermal and two cold ones), and through a system of 7 neutron guide (of which 6 are supermirror coated) directing back to a 20 liter liquid D<sub>2</sub>-cold moderator vessel. The characteristics of the diffractometers, spectrometers, reflectometers and small angle instruments built in the past 10 years will be presented together with the sample environment available to the user community. In the coming years, two more instruments will be realized: a backscattering spectrometer MARS and a thermal triple axis EIGER which will extend the  $(Q, \omega)$  range accessible at SINQ. Finally, a short description of the future upgrades of SINQ and planned developments on the instrumental and sample environment sides will be given.