

In situ high temperature sample environment @ MLZ

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The Heinz Maier-Leibnitz Zentrum (MLZ) is a leading centre for cutting-edge research with neutrons and positrons. As part of the user operation at the MLZ, the Sample Environment (SE) group assists in the installation and operation of complex SE equipment on instruments, providing experimental support to MLZ scientists as well as design, manufacturing, maintenance and repair of equipment.

One of the key aspects is the provision of high temperature (HT) sample environment of different configurations. Furthermore, the option of combining high temperature with other techniques is possible, such as HT and gas supply, HT in combination with magnetic fields or HT and mechanical stress.

In this poster, you will have the opportunity to learn and discuss about the capabilities and technical features of the MLZ sample environment equipment suitable for the study of materials in the fields of fusion reactors and nuclear energy.

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