



Fyzikální ústav Akademie
věd České republiky
Institute of Physics of the
Czech Academy of Sciences

CELOÚSTAVNÍ SEMINÁŘ FZU COLLOQUIUM

9. 10. 2019 | 14:00

přednáškový sál | lecture hall
Pod Vodárenskou věží 1, Praha 8

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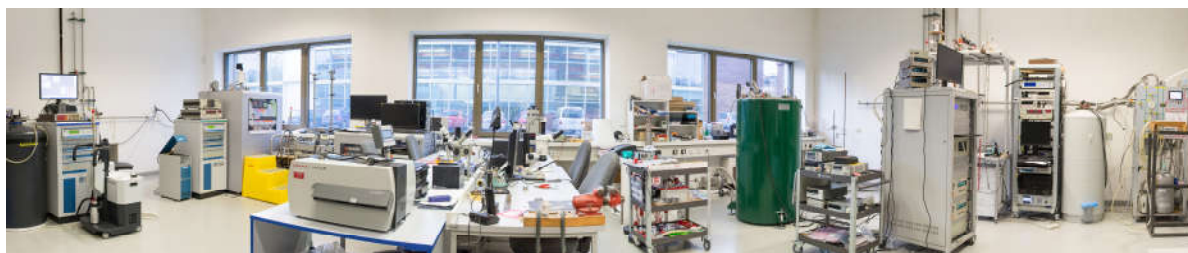
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Large infrastructure MGML

Materials Growth and Measurement Laboratory - Joint activity of Faculty of Mathematics and Physics of Charles University and FZU

For many years successfully operating Joint Laboratory of Magnetic Studies (JLMS), joint activity of MFF UK and FZU, links large experimental facilities for magnetic and other physical measurements in a wide range of temperature, pressure and magnetic field. It is located mainly in the buildings of the Faculty of Mathematics and Physics in Troja and partly in the Institute of Physics in Cukrovarnická. In 2018, the laboratory has become a division of large research infrastructure MGML (Materials Growth & Measurement Laboratory). The second part of the large infrastructure is the current material preparation laboratories at Charles University in Karlov. Since the beginning of 2019 the MGML has been mainly financed from external sources. The aim of the colloquium is to explain the structure, processes (requests for measuring time) and, above all, the broad experimental possibilities of this research infrastructure.

The colloquium is intended for anyone who has ever considered any experiment at low temperature and high magnetic field, both for novices and experienced experimenters and for heads of departments and groups with this focus. In addition, the colloquium will provide information on the second part of the laboratory, which could be of interest to all who are interested in the preparation of advanced materials. (<https://mgml.eu/>).



Main hall of the magnetic laboratory in Troja. From left to right – PPMS 9T and 14T Quantum Design., 20T magnet Cryogenic and dilution refrigerator.