

IPF Facilities, Equipment and Resources available for PIRE

Magnetic Resonance Research Group:

- NMR spectrometer Avance III 500 MHz, solid-state NMR including very high-speed MAS and variable temperature; diffusion NMR (up to 10 T/m and 20 T/m)
- NMR spectrometer Avance III 300 MHz, solid-state NMR and NMR imaging, High-temperature and high-pressure NMR
- NMR spectrometer Avance I 300 MHz, with microimaging (3 axis 1 T/m) accessory and in-house built high-temperature Rheo NMR, in-house built electrophoresis NMR
- EPR spectrometer EMX X-Band continuous wave
- Low-field NMR based on in-house built Halbach magnets for in-situ experiments
- Linux Cluster 8 time 16 CPU for Matlab calculations