

Vibrating Sample Magnetometer (VSM)



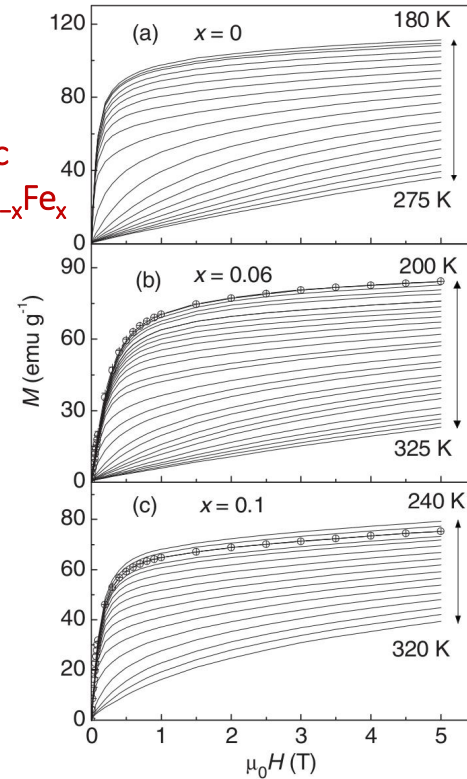
Magnetic Field : ± 12 Tesla

Temp. Range : 1.5 – 320 K

Measurement Probes:

- Vibrating Sample Magnetometer
- AC Susceptibility
- Resistivity

Magnetization isotherms for magnetocaloric material $\text{TbCo}_{2-x}\text{Fe}_x$

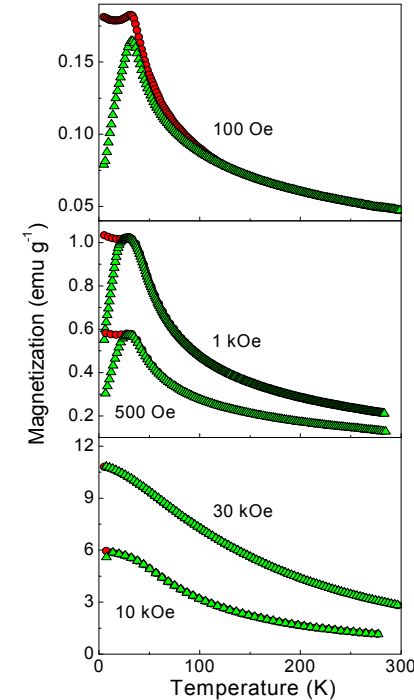


Halder *et al.*

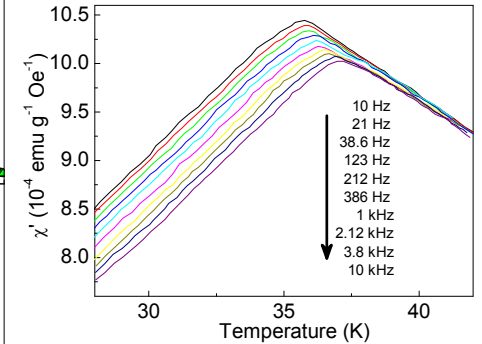
Phys. Rev. B **81**, 174402 (2010)

Dynamic of spin-cluster in amorphous Fe_2O_3

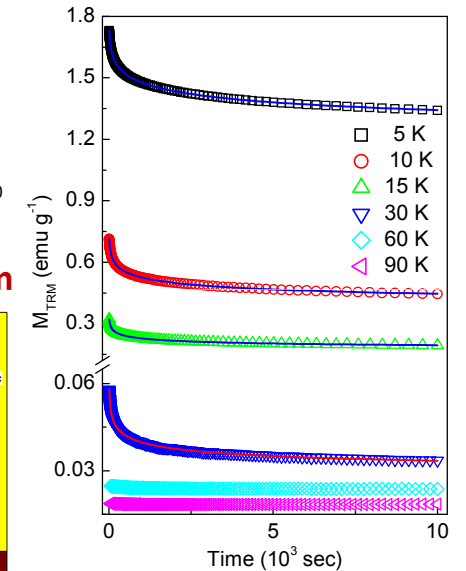
DC Magnetization



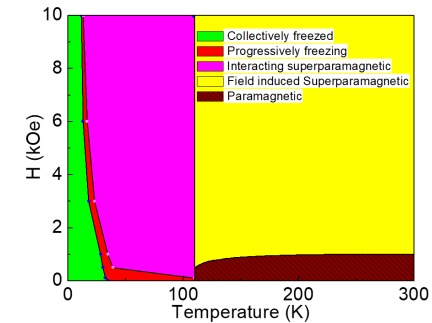
AC Susceptibility



Relaxation Studies



Magnetic Phase Diagram



M.D. Mukadam, S.M.Yusuf, P. Sharma, S.K. Kulshreshtha & G. K. Dey Phys. Rev. B **72**, 174408 (2005)