

Seminar of the Department of Low-Temperature Physics
NFPL098, winter semester 2021/2022

Seminar is held on **Monday at 2 p.m.** in the seminar room KFNT, **C 126** located in the building C (Kryopavilon) UK MFF, V Holešovičkách 2, Praha 8.

4.10. Jakub Čížek, KFNT MFF UK, *Lattice distortions in high entropy alloys characterized by positron annihilation spectroscopy*

11.10. Tomáš Kmječ, KFNT MFF UK *Hyperfine interactions and magnetic phase diagram in multiferroic perovskites $Pb_{1-x}Ba_x(Fe_{0.5}Nb_{0.5})O_3$, $x=0, 0,25, 0,5, 0,75, 1$*

18.10. Matěj Jakubík, KFNT MFF UK, *In-situ transmittance monitoring of effects in thin films,*
Dejan Prokop, KFNT MFF UK, *Investigation of microstructure of black and reflective Al films*

25.10. Lenka Kubíčková, KFNT MFF UK *Study of properties of iron-containing nanoparticles with special attention to medical applications.*

1.11. David Schmoranzer, KFNT MFF UK, *Quantum turbulence in oscillatory flows of He II*

8.11. Zhuolin Xie, KFNT MFF UK, *Micromechanical resonators as probes of superfluid turbulence*

15.11. Petr Hruška, KFNT MFF UK, *Amorphous and crystalline thin films of high entropy alloy $HfNbTaTiZr$*

22.11. Školení bezpečnosti práce

29.11. TBA

1.12. Tomáš Vlasák, KFNT MFF UK, *Microstructural investigations of novel high entropy alloys*

6.12. Mária Šoltéssová, KFNT MFF UK, *Contrast agents in MRI*

13.12. Oleg V. Petrov, KFNT MFF UK, *The use of principal component analysis in NMR signal processing*

prof. Mgr. Jakub Čížek, Ph.D

Doc. RNDr. Vojtěch Chlan, Ph.D.

Doc. RNDr. David Schmoranzer, Ph.D.