

Seminar of the Department of Low-Temperature Physics

NFPL098, fall term 2024

The 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.

- 7. 10. Petro Danylchenko, MFF UK, Ni and Cu based low dimensional magnets in mesoporous silica
- 14. 10. Petr Hruška, MFF UK, Multi-principal element thin films: from (high-entropy) alloys to oxides
- 21. 10. Michal Pavelka, MFF UK, Two-fluid models of superfluid helium-4 from geometric perspective
- 31. 10.-5. 11.NMR seminar at Ped pod Sněžkou
- 11. 11. Dejan Prokop, MFF UK, Recent advances in the study of black metal and thermochromic oxide thin films
- 18. 11. Faye Greaves, Université Paris-Est Créteil, Hydrogen induced phase transitions in TiZrNbHf(V,Ta) high-entropy alloys: effect of V substitution by Ta
- 25. 11. Lenka Kubíčková, MFF UK, Magnetocaloric effect in strongly frustrated magnets
- 2. 12. Jakub Čížek, MFF UK Mechanisms of positronium formation on metal surfaces
- 9. 12. Václav Římal, MFF UK, *tba*
- 16. 12. Filip Novotný, MFF UK, *tba*

prof. Mgr. Jakub Čížek, Ph.D

doc. RNDr. Vojtěch Chlan, Ph.D.

doc. RNDr. David Schmoranzer, Ph.D