

1. Konferencia doktorandov 1st **CSC** (Common small Conference☺)

ŠTUDIJNÉHO PROGRAMU FYZIKÁLNE INŽINIERSTVO PROGRESÍVNYCH MATERIÁLOV

14.4.2023

KATEDRA FYZIKY FEI TUKE/ÚSTAV EXPERIMENTÁLNEJ FYZIKY SAV, v.v.i.

PROGRAM:

9:45-10:00 káva

10:00 **ÚVOD** – prof. Tóthová, KF

10:05 **Marek Kuzmiak**

Effect of increased disorder on the pair-breaking mechanism in Mo₂N thin films

10:10 **Maksym Karpets**

Characterization and structural studies of magnetic fluids

10:15 **Simeon Samuhel**

Influence of temperature on domain wall dynamics in rapidly-changing magnetic field

10:20 **Július Bačkai**

3/2 power law in magnetoresistance of TmB₄

10:25 **Dmytro Miakota**

Goethite nanorods concentration influence on the E7 liquid crystal properties

10:30 **Kristina Zolochovska**

Biomedical and biotechnological applications of magnetic nanoparticles

10:35 **Simona Saporová**

Study of structure and molecular mobility of thermoplastic starch-based nanocomposites using NMR

10:40 **Leoš Ondriš**

Study of thermoplastic starch-based materials

10:45 – 11:00 verejná diskusia: pripomienky, návrhy

11:00 – 11:10 neverejná diskusia (zamestnanci KF, školitelia)

11:11 **ZÁVER** – doc. Gabáni, ÚEF SAV, v.v.i.