



# RMHD-2021

## Wednesday, 22 September 2021

### **Soft magnetic matter and its application-oriented aspects: Session 18 - Soft magnetic matter and its application-oriented aspects (10:00 - 11:20)**

time	[id] title	presenter
10:00	[81] Magnetic and rheological properties of supracolloidal magnetic polymers in a Poiseuille flow	ZVEREV, V
10:20	[82] On the isotropic-nematic liquid crystal phase transitions in a solution of polydisperse magnetic disks	PETROV, D
10:40	[84] Self-assembly supramolecular magnetic polymers with different monomers	PYANZINA, E
11:00	[83] Magnetoactive elastomers: molecular dynamics simulations of magnetic properties	DOBROSEDOVA, A

### **Soft magnetic matter and its application-oriented aspects: Session 20 - Soft magnetic matter and its application-oriented aspects (11:30 - 13:10)**

time	[id] title	presenter
11:30	[90] Effective field method in the physics of ferromagnetic liquid crystal suspensions	PETROV, D
11:50	[91] Joint influence of magnetic field and normal vibrations on the instability of two-layer system, containing magnetic and non-magnetic fluids	SADILOV, Evgeniy
12:10	[92] Transient and permanent convection of colloid in a horizontal cell	SMORODIN, B
12:30	[93] Tuning the magnetoelectric effect in polymer-based nanocomposites	RODIONOVA, V
12:50	[94] Magnetic and structural properties of magnetic elastomers	GUPALO, M