

Programma/ Programme

Chair : Abdelqader ZABEN

13.00 – 13.10	Speech Opening	
13.10 – 13.25	Guntars KITENBERGS	Application of a two-phase PIV to the magnetic micro-convection
13.25 – 13.40	Andrejs CEBERS	Sedimentation potential in magnetic colloids
13.40 – 13.55	Janis CIMURS	Microphase Separation of Magnetic Polymer Brushes
13.55 – 14.10	Jānis UŽULIS	Numerical calculations of paramagnetic particle self-assembling in precessing field
14.10 – 14.30	Coffee Break	
14.30 – 14.45	Sandris LĀCIS	Optimal magnetic field approximation for a permanent-magnet
14.45 – 15.00	Abdelqader ZABEN	Flexible Ferromagnetic filaments as Micro-mixers
15.00 – 15.15	Andris P. STIKUTS	Investigations of collective behavior of rotating magnetic droplets
15.15 – 15.30	Aigars LANGINS	A 3D BEM algorithm for simulations of magnetic fluid droplet dynamics