

Seminar on “Fluctuation phenomena in magneto-microhydrodynamics”

June 25, 2018, 14:00-17:30, Auditorium 233

University of Latvia, Faculty of Physics and Mathematics, Zellu 25, Riga

14:00

a representative from the Institut français de Lettonie

Foreword

14:10

Dr. Emmanuelle Dubois

*Electrostatic stabilization of magnetic fluids:
from molecular solvents to ionic liquids*

14:40

Jesse Riedl

Recent results on the study of ionic liquid based magnetic fluids

14:55

Dr. Guntars Kitenbergs

Behavior of magnetic drops in external field

15:25

Andris Pāvils Stikuts

Numerical simulations of magnetic drops

15:40 Coffee break

16:00

Prof. Regine Perzynski

*Thermodiffusion of charged nanoparticles in aqueous media:
forced Rayleigh scattering experiments*

16:30

Prof. Andrejs Cēbers

Fluctuation phenomena in colloidal systems

17:00 Final coffee break

