Latvian-Brazilian meeting on Active and Soft Matter Physics

Report of Contributions

https://conferences.lu.lv/e/110

Contribution ID: **1** Type: **not specified**

Chain formation of anisotropic paramagnetic particles in a rotating magnetic field

Thursday, 3 February 2022 15:05 (15 minutes)

Presenter: Dr CĪMURS, Jānis (MMML lab, University of Latvia)

Contribution ID: **2** Type: **not specified**

Pattern formation in a two-dimensional system of magnetic rods driven by rotating fields - a numerical study

Thursday, 3 February 2022 15:20 (15 minutes)

Presenter: Dr COELHO DOMINGOS, Jorge Luiz (Department of Physics, Universidade Federal do Ceará)

Contribution ID: **3** Type: **not specified**

Sublinear drag regime at mesoscopic scales in viscoelastic materials

Thursday, 3 February 2022 15:35 (15 minutes)

Presenter: Prof. NUNES DE OLIVEIRA, Claudio Lucas (Department of Physics, Universidade Federal do Ceará)

Contribution ID: **4** Type: **not specified**

Dynamics of hematite cubes in rotating field

Thursday, 3 February 2022 15:50 (15 minutes)

Presenter: Dr BRICS, Mārtiņš (MMML lab, University of Latvia)

Contribution ID: **5** Type: **not specified**

Transport of self-propelled particles in 2D substrates of convex obstacles

Thursday, 3 February 2022 16:15 (15 minutes)

Presenter: Prof. PAIVA FERREIRA, Wandemberg (Department of Physics, Universidade Federal do Ceará)

Contribution ID: **6** Type: **not specified**

Deformation of magnetic droplets in external field

Thursday, 3 February 2022 16:30 (15 minutes)

Presenter: Mr STIKUTS, Andris Pāvils (MMML lab, University of Latvia)

Contribution ID: **7** Type: **not specified**

Viscoelasticity of cells as marker for diseases

Thursday, 3 February 2022 16:45 (15 minutes)

Presenter: Prof. DE SOUSA, Jeanlex Soares (Department of Physics, Universidade Federal do Ceará)

Contribution ID: **8** Type: **not specified**

Rotation and swimming of flexible ferromagnetic filaments

Thursday, 3 February 2022 17:00 (15 minutes)

Presenter: Dr KITENBERGS, Guntars (MMML lab, University of Latvia)