

Fundamental and applied magnetohydrodynamics

Friday, 4 February 2022

Magnetohydrodynamics (10:00 - 22:20)

-Conveners: Imants Kaldre

| time | [id] title | presenter |
|-------|---|------------------------|
| 10:00 | [7] How the magnetohydrodynamics contributes to modern metalurgical production: examples from our experience | BOJAREVICS, Valdis |
| 10:40 | [5] Experimental study of MHD flow with SiC flow channel inserts for fusion blanket applications | BREKIS, Arturs |
| 11:00 | [2] Numerical modelling of thermal decomposition and combustion of microwave pre-treated straw pellets | Dr GOLDŠTEINS, Linards |
| 11:20 | [4] Burbuļu sagraušana ar elektromagnētiski ierosinātu plūsmu. Bubble dispersion in electromagnetically induced flow. | BARANOVSKIS, Reinis |
| 11:40 | [3] Numerical modeling of electromagnetic vibrations in a conductive workpiece | FELCIS, Valdemars |
| 12:00 | [6] Modeļa eksperiments alumīnija kausējuma siltuma izlīdzināšanai ar rotējošiem pastāvīgajiem magnētiem | KALVANS, Matiss |