



# Fundamental and applied magnetohydrodynamics

## Friday, February 4, 2022

### Magnetohydrodynamics (10:00 AM - 10:20 PM)

-Conveners: Imants Kaldre

time	[id] title	presenter
10:00	<del>A1</del> How the magnetohydrodynamics contributes to modern metalurgical production: examples from our experience	BOJAREVICS, Valdis
10:40	<del>A2</del> Experimental study of MHD flow with SiC flow channel inserts for fusion blanket applications	BREKIS, Arturs
11:00	<del>A3</del> Numerical modelling of thermal decomposition and combustion of microwave pre-treated straw pellets	Dr GOLDŠTEINS, Linards
11:20	<del>A4</del> Burbuļu sagraušana ar elektromagnētiski ierosinātu plūsmu. Bubble dispersion in electromagnetically induced flow.	BARANOVSKIS, Reinis
11:40	<del>A5</del> Numerical modeling of electromagnetic vibrations in a conductive workpiece	FELCIS, Valdemars
12:00	<del>P01</del> Modeļa eksperiments alumīnija kausējuma siltuma izlīdzināšanai ar rotējošiem pastāvīgajiem magnētiem	KALVANS, Matiss