

RMHD-2021

Monday, 20 September 2021

Heat and mass transfer in liquid metals: Session 2 - Heat and mass transfer in liquid metals (10:00 - 11:20)

time	[id] title	presenter
10:00	[6] Hydrodynamic characteristics and heat transfer in the laminar cocurrent flow of two parallel flows of liquid metals	YACHIKOV, I
10:20	[7] Features of the large-scale circulation behavior during Rayleigh-Benard convection in a square cylinder filled with liquid sodium	МАМЫКИН, Андрей
10:40	[8] Heat transfer in case of mixed boundary conditions	SUKHANOVSKY, Andrey
11:00	[9] Natural convective in MHD duct flow	SHMAKOV, E

Heat and mass transfer in liquid metals: Session 6 - Heat and mass transfer in liquid metals (14:30 - 15:50)

time	[id] title	presenter
14:30	[25] Experimentally synchronizing the large-scale circulation in a cylindrical Rayleigh-Benard cell by tide-like electromagnetic forcing	JUSTEL, P
14:50	[26] Numerical simulation of tidal synchronization of the large-scale circulation in Rayleigh-Benard convection with aspect ratio 1	ROHRBORN, S
15:10	[27] Magnetoconvection with anisotropic diffusion as a tool to investigate the dynamics of dynamo regions	BRESTENSKY, J
15:30	[28] Limits of magneto-convective fluctuations in liquid metal downflow in vertical channels affected by a transverse magnetic field	BELYAEV, I