

A0 - Pulsed magnetic fields : Technology, Applications and future challenges <i>O. Portugal (Invited lecture)</i>	Lecture
A00 - Low Rm MHD turbulence : the role of boundaries <i>A. Pothérat (Invited lecture)</i>	Lecture
A000 - Successes and problems of mean field dynamo theory <i>M. Proctor (Invited lecture)</i>	Lecture
A1_2 - Quasi-two-dimensional convection in a 3D laterally heated box in a strong magnetic field normal to main circulation <i>Yu.Gelfat, S. Molokov</i>	Oral
A1_3 - Direct numerical simulation of mixed convection in a horizontal pipe with strong transverse magnetic field <i>Ya. I. Listratov, E.V.Sviridov, V. G. Sviridov, O. Zikanov, D. Krasnov</i>	Oral
A1_4 - Liquid metal heat transfer in a vertical tube affected by transverse magnetic field <i>L.G. Genin, V.G. Zhilin, Yu.P. Ivochkin, N.G. Razuvanov, V.G.Sviridov, A.A. Shestakov, E.V. Sviridov</i>	Poster P1
A1_5 - Temperature fluctuations in a heated horizontal tube affected by transverse magnetic field <i>L.G. Genin, V.G. Zhilin, Yu.P. Ivochkin, N.G. Razuvanov, I.A. Belyaev, Ya.I. Listratov, V.G.Sviridov</i>	Oral
A1_6 - Liquid metal heat transfer in an inclined tube affected by a longitudinal magnetic field <i>I.A. Belyaev, Ya.I. Listratov, N.G. Razuvanov, V.G.Sviridov</i>	Poster P1
A1_7 - Experimental and numerical evaluation of the MHD pressure drop with contact resistance in a channel <i>M. Aoyagi, S. Ito, S. Ebara, H. Hashizume</i>	Oral
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A1_10 - Theoretical approach of Graetz heat exchanger in MHD <i>S. Lechehb, A. Bouabdallah, M. Zizi</i>	Oral
A1_11 - Numerical analysis of MHD-thermofluid flows considering sandwich structures as applied to liquid breeding blankets for fusion technology <i>E. Mas de les Valls, L. Batet, V. de Medina, J. Fradera, L.A. Sedano</i>	Oral
A1_12 - MHD mixed convection in a rectangular duct : 3D, 2D and 1D solutions <i>S. Smolentsev, N. Vetcha, R., Moreau</i>	Oral
A1_13 - Numerical and experimental investigation of the electrovortex flow in hemispherical container under action of external magnetic field <i>Yu Ivochkin, A. Oksman, O. Kazak, I. Teplyakov, V. Zhilin</i>	Poster P1
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A2_3 - Parker's dynamo and geomagnetic reversals <i>M. Reshetnyak, D. Sokoloff</i>	Oral
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C3_4 - Numerical modeling of ultrasonic vibration in crystallization processes <i>B. Nacke, B. Ubbenjans; Ch. Frank-Rotsch, P. Rudolph, J. Virbulis</i>	Oral
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C4_6 - Closed loop stabilization system for electromagnetically shaped liquid metal droplet <i>V. Minchenya, C. Karcher</i>	Oral
C4_8 - Application of MHD levitation: what amount of liquid metal can levitate? <i>V. Buryak, A.A. Kolesnichenko, A.F. Kolesnichenko</i>	Poster P2
C4_9 - Effectiveness of different approaches for EM force driven glass melt mixing in annular tube <i>V. Geža, A.Jakovičs, U. Krieger, B. Halbedel</i>	Poster P2
C4_10 - Analysis of Electromagnetically Induced Degassing in an Induction Furnace <i>J.C. Petrykowski</i>	Oral
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C4_16 - Aggregation effect of electromagnetic vibrations on the primary silicon particles in hypereutectic Al-Si alloy <i>Y. Han, Q. Li, W. Liu, Y. He</i>	Poster P2
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