



Conference Program, March 3, 2016

Oral Session 16:00

Chairman

Prof. V. B. Mintsev

- 16:00 International research laboratory and planned hydrodynamic experiments at the International Space Station
Son Eduard Evgen'evich (JIHT RAS, Moscow, Russia), Fortov V. E., Gorshkov O. A., Zelenyi L. M., Kabov O. A., Karabadjak G. F., Tsurkov V. I.
- 16:15 Experience on math simulation of aerogasdynamic and shock wave processes accumulated by the State Rocket Centre
Degtiar V. G., Khlybov Vladimir Ilyich (Makeyev GRTs, Miass, Russia)
- 16:30 Approach to solution of coupled heat transfer problem on the surface of hypersonic vehicle of arbitrary shape
Bocharov Aleksey Nikolaevich (JIHT RAS, Moscow, Russia), Bityurin V. A., Golovin N. N., Evstigneev N. M., Petrovskiy V. P., Ryabkov O. I., Teplyakov I. O., Shustov A. A., Fortov V. E., Solomonov Yu. S.
- 16:45 Calculations of scaled model of the HEXAFLY-CIAM module in FlowVision software
Markova Tatiana Valerievna (JIHT RAS, Moscow, Russia), Aksenov A. A., Gavrilov A. D., Prokhorov A. N., Son E. E., Zhlukov S. V., Savitsky D. V.

17:00



COFFEE-BREAK

Chairman

Prof. A. P. Savintsev

- 17:15 On the exothermal reaction kernel formation in shock tube
Kiverin Alexey (JIHT RAS, Moscow, Russia), Yakovenko I. S.
- 17:30 Peculiarities of numerical analysis of unsteady reactive flows
Yakovenko Ivan Sergeevich (JIHT RAS, Moscow, Russia), Kiverin A. D., Ivanov M. F., Pinevich S. G.
- 17:45 Combustion onset in channels induced by hydrogen jet propagating from the high pressure chamber
Golub V. V., Golovastov S. V., Ivanov M. F., Kiverin A. D., Smygalina Anna Evgenievna (JIHT RAS, Moscow, Russia)
- 18:00 Optical diagnostics of laser-generated shock waves at LUCH laser facility
Kuznetsov A. P., Gubskii Konstantin Leonidovich (NRNU MEPhI, Moscow, Russia), Derkach V. N., Belkov S. A., Garanin S. G., Golovkin S. Yu.
- 18:15 Metal film on substrate: Dynamics under action of ultra-short laser pulse
Khokhlov Victor Alexandrovich (ITP RAS, Chernogolovka, Russia), Anisimov S. I., Inogamov N. A., Zhakhovsky V. V., Khishchenko K. V.
- 18:30 Dislocation structures in oxide nuclear fuel: Computer simulation and experiments
Lunev Artem Vladimirovitch (JIHT RAS, Moscow, Russia), Baranov V. G., Isaenkova M. G., Krymskaya O. A.
- 18:45 On two mechanisms of interaction of high speed cosmic bodies with surface of planets
Barenbaum Azary Aleksandrovich (OGRI RAS, Moscow, Russia), Shpekin M. I.

19:00



SUPPER

20:00–
23:00

POSTER SESSION