

Conference Program, March 3, 2015

Oral Session 16:00

Chairman

Prof. I.V.Lomonosov

- 16:00 Atomic number and temperature dependence of shell effects contribution in plasma characters
Shpatakovskaya Galina Vasilievna (KIAM RAS, Moscow, Russia), Karpov V. Ya.
- 16:15 Incommensurate host-guest structures in compressed elements: Hume–Rothery effects as origin
Degtyareva Valentina Feognievna (ISSP RAS, Chernogolovka, Russia)
- 16:30 On anomalous wave processes at direct and reverse quark–hadron phase transition
Konyukhov Andrey Viktorovich (JIHT RAS, Moscow, Russia), Likhachev A. P.
- 16:45 Anomalous thermodynamics of matter undergoing entropic phase transition
Iosilevskiy Igor L’vovich (JIHT RAS, Moscow, Russia)

17:00  **COFFEE-BREAK**

Chairman

Dr. P.R.Levashov

- 17:15 Equations of state of novel materials discovered from extreme conditions
Kurakevych Oleksandr (UPMC, Paris, France), Le Godec Y., Solozhenko V. L.
- 17:30 Equation of state of metallic plasma
Lomonosov Igor Vladimirovich (IPCP RAS, Chernogolovka, Russia)
- 17:45 The properties of the hexatic phase in two-dimensional Yukawa systems (numerical simulation)
Koss Xeniya Georgievna (JIHT RAS, Moscow, Russia), Vaulina O. S.

18:00 **POSTER SESSION**

19:00  **SUPPER**

20:00–
23:00 **POSTER SESSION**