



XXXIII International Conference on Equations of State for Matter

March 1–6, 2018
Elbrus, Kabardino-Balkaria
Russia

1978
Anniversary 40
of the first session
2018

Conference Program, March 1, 2018

KBSU Base 16:00

Opening Ceremony

Introductory words by V. E. Fortov, V. P. Efremov, A. P. Savintsev

Chairman

Prof. G.V.Shpatakovskaya

16:15 Is there chemistry at megabars?
Fortov Vladimir Evgenievich (JIHT RAS, Moscow, Russia)

16:45  **CONFERENCE PHOTO (OUTSIDE)**

 **COFFEE-BREAK**

Chairman

Prof. G.E.Norman

17:15 Relativistic effects analysis of the electron binding energies in many-electron atoms
Shpatakovskaya Galina Vasilievna (KIAM RAS, Moscow, Russia)

17:30 Melting T - P curves for alkali metals with negative slope and minimum: Electronic origin
Degtyareva Valentina Feognievna (ISSP RAS, Chernogolovka, Russia)

17:45 Verification of anomalous thermodynamic properties of sodium near its melting curve
Levashov Pavel Remirovich (JIHT RAS, Moscow, Russia), Minakov D. V., Fokin L. R.

18:00 Wide-range equation of state for gold
Lomonosov Igor (IPCP RAS, Chernogolovka, Russia)

18:15 Phase transitions in silicon at high pressures and temperatures
Khishchenko Konstantin Vladimirovich (JIHT RAS, Moscow, Russia)

18:30  **SUPPER**

Pension Elbrus Tegenekli 20:00

Chairman

Dr. V.P.Efremov

20:00– How we climbed Everest

21:30 *Starikovskiy Andrey (PU, Princeton, United States)*