

## Poster session

09 September 2016, 17.30-18.30, Hall, 4th floor

- P1. Leonid Ivanovsky (P.G. Demidov Yaroslavl State University),** *Stable regimes of dynamic systems with impulsive influences.*
- P2. R. Sh. Ikhsanov (National Research University Higher School of Economics),** *Modeling of bulk electron photoemission from plasmonic nanoantennas of different shapes and sizes.*
- P3. Boris Korneev (Moscow Institute of Physics and Technology),** *DiamondTorre algorithm for large-scale fluid dynamics modeling.*
- P4. Elizaveta Shiriaeva (National Research University Higher School of Economics, Joint Institute for High Temperatures of RAS),** *Structure analysis of liquid water molecular dynamic models.*
- P5. Lev Barash (Landau Institute for Theoretical Physics, Science Center in Chernogolovka),** *Monte Carlo calculations with the population annealing algorithm - improvements and massively parallel realization.*
- P6. Kobil Haknazarov (National Research University Higher School of Economics, Joint Institute for High Temperatures of RAS),** *Calculation of Point Defects Migration Barriers in the SNAP Model.*
- P7. M.V. Magnitskaya (Institute for High Pressure Physics, Russian Academy of Sciences, Troitsk),** *Ab initio calculations of complex systems beyond the standard DFT approach.*
- P8. Ekaterina Dlinnova (Higher School of Economics),** *Finite-Difference Approximation Errors in Molecular Dynamics: Their Influence on Per-Atom Forces.*
- P9. Marina Fadeeva (Scientific Center in Chernogolovka, 142432 Chernogolovka, National Research University Higher School of Economics),** *ON THE ACCURACY OF WANG-LANDAU METHOD.*
- P10. Dmitriy Pashin (Lobachevsky State University of Nizhny Novgorod),** *Capture into resonance a quantum particle moving in a double-well potential.*
- P11. A.A.Vnukov, A.Fomina (HSE NRU, Bauman MSTU),** *Efficient parallel algorithm for computing matrix of the robot gripper.*
- P12. S.K. Shikota (Science Center in Chernogolovka),** *Computerizing workplace with centralized scientific workflow systems.*
- P13. Rogov Anatoly and Menkina Alina (National Research University Higher School of Economics),** *Development of algorithms for load testing of high-performance applications.*
- P14. Anton Menshutin (Science Center in Chernogolovka),** *Performance evaluation of parallel diffusion-limited aggregation algorithm.*