

*National Workshop titled:*

**“Perspective nanomaterial’s in tribology”**

**June 09, 2014**

**Research Institute for Machine Science of the Russian Academy of Sciences, Russia**

**Program**

13:00-14:00 *Registration - Welcome - Coffee*

14:00-14:30 *Opening Session*

*Academician Rivner F. Ganiev*

*Director of Blagonravov Research Institute for Machine, Science of the Russian Academy of Sciences*

**Plenary talk**

14:30-15:15 *Vladimir Levchenko, Honorary Professor EU, Lomonosov Moscow State University*

*Title: “Success in synthesis of green triboengineering nanomaterials”*

15:15-16:15 *Coffee break - Poster session*

*Chairs*

*Dr. Vladimir Levchenko & Prof. Yuri Drozdov*

16:15-17:00 *Irina Goryacheva, Head of the Department Tribology of Ishlinsky Institute for Problems in Mechanics of RAS*

*Title: “Surface texture effect in sliding contact of deformable bodies”*

17:00-17:45 *Iliya Buyanovskii, Bauman State University, Moscow*

*Title: “Synthesis and application of perspective nanomaterials in tribology”*

17:45-18:00 *Vladimir Biryukov, IMASH RAN, Moscow, Russia*

*Title: “Improving the reliability of friction nodes in laser welding”*

18:15-18:30 *Vladimir Danilov, National University of Science and Technology «MISIS», Moscow, Russia*

*Title: “Biocompatible polymer composites based on ultrahigh molecular weight polyethylene ”*

18:30-18:45 *Nadejda Novoselova, Lomonosov Moscow State University*

*Title: “Diamond-like carbon coatings-orientants work surfaces lubricated components friction elements”*

18:45-19:00 *Mikhail Khrushchov, IMASH RAN, Moscow, Russia*

*Title: “Structure and tribological behavior of alloyed DLC nanocomposite coatings”*

19:00-19:15 *Elena Drozdova, Baikov Institute of Metallurgy and Materials Science, Moscow*

*Title: “Tribological properties of metal-matrix composites reinforced by superelastic hard carbon particles ”*

19:15-20:00 *Closing ceremony - Awarding of the “Best poster” - Coffee*

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**Materials Science-2014**

October 06-08, 2014 San Antonio, USA