

Symposium Programme

The second sino-russian bilateral symposium on nano surface technology and surface effect

October 1, 2021, online (VooV Meeting)

Meeting Time: 2021/10/01 9:00-13:00 (GMT+07:00) Novosibirsk Standard Time

Time schedule:

9:00 Symposium opening, **V. V. Terekhov**

9:05 Symposium opening, **M. K. Lei.**

9:10 Bioinspired nanostructures with long-term mechano-biocidal activities, **J. Zhao.**

9:30 Effect of Au film mask on antiwetting and antireflection properties of nanostructural polymer by plasma nanotexturing, **X. Y. Li.**

9:50 The thermal stability and radiation tolerance of Cu-Nb nanocomposite thin films, **Y. G. Li.**

10:10 Antiwetting Behaviors of Biomimetic Nanopillars and Nanocones, **Y. P. Li.**

10:30 – 10:40 break

10:40 Creating biphilic surfaces using a combination of methods HW CVD and pulsed laser treatment, **A. I. Safonov**

11:00 Evaporation of water and nanofluid droplets on micro/nano-structured surfaces with contrasting wettability, **E. M. Starinskaya**

11:20 Water drops spread on superhydrophilic and superhydrophobic surfaces, **S. V. Starinskiy**

11:40 Lattice Boltzmann modelling of droplet impact on hydrophobic and hydrophilic surfaces, **V. V. Terekhov**

12:00 – 13:00 Private discussion of project teams.

Report time includes 5 minutes for questions and answers.