

**Russian Cultural Center
Budapest 1062, Andrásy út 120.**

April 25, 2017

Seminar "Theoretical investigation of graphene and graphene-like nanomaterials"

Program

9:30 Registration

10:00 Opening speech by the Director of the Russian Cultural Center Valery Platonov

10:05 Prof. Leonid A. Chernozatonskii, RAS, Institute for Biochemical Physics

"Graphene-based bi-layered structures with folded nanoholes: structures and properties"

10:25 Dr. Márk Géza, HAS, Center for Energy Research, Institute of Technical Physics and Material Sciences

"How to include the electronic structure information into wave packet dynamical calculations?"

10:45 Prof. Pavel B. Sorokin, Technological institute for Superhard and Novel Carbon Materials (the Russian Ministry of Education and Science) Moscow, Troitsk

"Graphene as a support for new 2D films. The way to get materials which shouldn't exist"

11:05 coffee-break

11:25 Dr. Rakyta Péter, Eötvös Loránd University, Faculty of Science, Institute of Physics

"Oscillations in ballistic graphene-based Josephson junctions"

11:45 Dr. Dmitry G. Kvashnin, RAS, Institute for Biochemical Physics

"Theory and experimental support in low-dimensional materials"

12:05 Dr. Oroszlány László, Eötvös Loránd University, Faculty of Science, Institute of Physics

"Intraband focusing in bilayer graphene"