

## Poster I

Wednesday, August 8, 19:30-21:00

PI.2 Geometry-controllable nanohair structure effects cellular movement  
Chaejeong Heo

PI.2 Pristine and Platinum-deposited metallic Molybdenum ditelluride for Hydrogen Evolution Reaction  
Jinbong Seok

PI.3 Carbon Nanotube Film Flexible Terahertz Detectors on Polymer Films with Series Electrodes for Sensitivity Enhancement  
Kou Li

PI.4 Terahertz absorption and emission tuning in graphene sandwich structures  
K. Batrakov

PI.5 Gigahertz repetition rate dual-wavelength mode-locking of waveguide lasers with graphene  
M. V. Ponarina

PI.6 Raman spectra of nitrogen- and boron-doped carbon dots  
A.E. Tomskaya

PI.7 Influence of electrochemical hydrogenation on the surface photocurrent in the Ag/Pd nanocomposite  
A. S. Saushin

PI.8 Bipolar polarization-sensitive surface photocurrent pulses in the Ag/Pd nanocomposite  
A. S. Saushin

PI.9 Investigation of the optical properties of single-walled carbon nanotubes doped in an acid medium  
V. A. Velikanov

PI.10 Investigation of multilayer MoS<sub>2</sub> film grown by CVD method on transferred CVD graphene  
P. V. Vinokurov

PI.11 Saturable absorption in detonation nanodiamond films  
R. Yu. Krivenkov

PI.12 Tuning electrical and optical properties of SWCNT films  
A. A. Tonkikh

PI.13 Thermal effects of Er<sup>3+</sup> / Yb<sup>3+</sup> doped NaYF<sub>4</sub> phosphor induced by 980 nm laser diode irradiation  
Hong Wang