

16:35 L. J. Kang*, J. L. Kang, A. Hirata, K. Akagi, M. W. Chen
WPI-AIMR, Tohoku University

“ENHANCED SUPERCAPACITOR PERFORMANCE OF MnO₂ BY ATOMIC DOPING: FIRST PRINCIPLES CALCULATION”

16:40 D. M. Kazantsev*^{1,2}, I. O. Akhundov¹, A. N. Karpov¹,
N. L. Schwartz^{1,3}, V. L. Alperovich^{1,2}, A. V. Latyshev^{1,2}

¹ *Institute of Semiconductor Physics SB RAS*

² *Novosibirsk State University*

³ *Novosibirsk State Technical University*

“FORMATION OF STEP-TERRACED GaAs SURFACES IN EQUILIBRIUM CONDITIONS: MONTE CARLO SIMULATION”

16:45 L. M. Levchenko

Nikolaev Institute of Inorganic Chemistry SB RAS

“OXIDIZED CARBON AND HYDROLYZED CARBON-FLUOROCARBON NANOCOMPOSITES AND PROSPECTIVES OF THEIR APPLICATIONS IN SORPTION TECHNOLOGIES”

16:50 K. M. Limaev, A. I. Romanenko, V. P. Fedin, S. B. Aliev.

Nikolaev Institute of Inorganic Chemistry SB RAS

“THE INVESTIGATION THE MECHANISM WHICH TRANSLATE CONDUCTIVE POLYMERS (POLYANILINE AND POLYPYRROLE) IN THE LOW-RESISTANCE STATE UNDER THE HIGH CURRENTS INFLUENCE, RELAXATION TO THE INITIAL STATE AT THE LOW CURRENT AND NONLINEAR I-V CHARACTERISTICS”

16:55 M. A. Baqiya^{1,*}, T. Adachi², A. Takahashi¹, and Y. Koike¹

¹ *Department of Applied Physics, Tohoku University*

² *Department of Engineering and Applied Sciences, Sophia University*

“HOMOGENEITY OF SUPERCONDUCTIVITY IN THE ELECTRON-DOPED HIGH-*T_c* SUPERCONDUCTORS”

October 9, 2013

15:00 R. E. Nikolaev, A.M. Chernovol, A.R. Tsygankova

Nikolaev Institute of Inorganic Chemistry SB RAS

“STUDY OF SYSTEM Nd₂S₃-SnS AND CRYSTALLIZATION OF γ-Nd₂S₃ DOPING BY TIN”

15:05 V. Prokip*, A. Utkin, N. Baklanova.

Institute of Solid State Chemistry and Mechanochemistry SB RAS

“HAFNIUM GERMANATES: SYNTHESIS AND PROPERTIES”

15:10 Kozue Satoh, Shigeo Sato, Kazuaki Wagatsuma

Institute for Materials Research, Tohoku University

“SURFACE MODIFICATION OF Ti-6Al-4V ALLOY USING AN OXYGEN GLOW-DISCHARGE PLASMA TO SUPPRESS THE DISSOLUTION OF TOXIC ELEMENTS INTO PHYSIOLOGICAL ENVIRONMENT”