SEPTEMBER 19 THURSDAY
REVISED SCHEDULE
Oral SESSIONS O.6, O.7 is joined and hold in Conference hall 1

Oral SESSION O.6

9:00  Plenary report
O6.1 High-Quality Mega-Electron Volt Proton Beams Generated by Nanotube Accelerators  
  Dr. Prof. Masakatsu Murakami,  
  Osaka University (Japan)

9:40  Plenary report
O6.2 Low-temperature Sol-gel Approach for Creating New Functional Nanomaterials  
  Dr. Alexandr Vinogradov,  
  Institute of Solution Chemistry (Russia)

10:20  Relationship between Single Walled Carbon Nanotubes Individual Dispersion Behavior and Properties of Electrospun Nanofibers  
  Haji A., Nasouri K., Mousavi Shoushtari A., Kaflou A.

10:35  A Novel Study of Electrospun Nanofibers Morphology as a Function of Polymer Solution Properties  
  Haji A., Nasouri K., Mousavi Shoushtari A., Kaflou A.

10:50 - 11:10  Coffee/Tea Break (Dining Room)

11:10  Reversible Hydrogen Storage in Electrospun Composite Nanofibers  
  Haji A., Nasouri K., Mousavi Shoushtari A., Kaflou A.


11:40  Magnetoresistivity Dynamics in Microfine Graphite under Pressure  
  Slyusarev V.V., Polyakov P.I.

11:55  Laser-induced Bleaching of Carbon Nanomaterials Suspensions  
  Bulatov D.L., Mikheev K.G., Shuvaeva M.A.

12:10  Dielectric Parameters of Polystyrene/Fullerene Composite Films  
  Noskov A.V., Alekseeva O.V., Kraev A.S., Agafonov A.V.
12:25
O6.12 Polystyrene Film Composites Filled with Fullerenes
Alekseeva O.V., Bagrovskaya N.A., Noskov A.V.

12:40
O6.14 Polymer-polymer Microfibrillar Composites: Effect of Nanofillers on Structure and Properties
Kelnar I.

13:00 - 14:00  Dinner (Dining Room)

14:00 - 15:00  Poster session 3

15:00
Nanostructure and hydrated ions transport in ion-exchange membranes studied by NMR
Volkov Vitaly

15:15
O8.16 Enhanced Luminescence of InGaN/GaN Vertical Light Emitting Diodes with an InGaN Protection Layer
Lim H., Doan M.H., Rotermund F., Lee J.J.

15:30
O6.15 Structure Transformation in Fullerenes C60 at High Temperature Treatment
Rud A.D., Kiryan I.M., Nikonova R.M., Lad’yanov V.I., Bilyi N.M., Merzlyakova M.A.

15:45
O6.16 Nanotube Connections in Bilayer Graphene with Elongated Holes
Chernozatsontskii L.A., Demin V.A.

16:00
O6.18 Core-shell Structured Composite Silica Micro- and Nanoparticles with Ability Release a Defined Quantity „on Demand“
Kovacik P., Stepanek F., Soltys M.

16:15 - 16:25  Coffee/Tea Break (Dining Room)

16:25
O6.21 Chemical Vapor Deposition of Graphene on Copper
Kostogrud I.A., Smovzh D.V.

Oral SESSION O.7

16:40
O7.7 3D Computer Models of Mo-Zr-V, Ti-C-V, Ti-Ir-Ru T-x-y Diagrams with Three-phase Reaction Type Changing
Lutsyk V.I., Vorob’eva V.P.
16:55  O7.8  Ternary Systems for the Liquid Immiscibility Gap Technology
       Lutsyk V.I., Zelenaya A.

17:10  O7.9  Nonlinear-optical Negative-index Metamaterials: Extraordinary Properties and Applications
       Popov A.K., Nefedov I.S., Myslivets S.A., Shalaev M.I., Slabko V.V.

17:25  O7.11 Deformation Stimulated Luminescence of Nano-Micro-Parcticles SrAl₂O₄:(Eu²⁺, Dy³⁺) in a Matrix of Photopolymer and Creation of Sensor Elements of Mechanical Stresses
       Banishev A.A., Banishev A.A., Lotin A.F.

17:40  O7.12 Harvesting and Electron-Exchange Energy Transfer by d0 Metallocene-Based Organized Systems
       Loukova G.V.