

XIX

**INTERNATIONAL SCHOOL-SEMINAR
“SPECTROSCOPY
OF MOLECULES AND CRYSTALS”**

20.09 – 27.09.2009

BEREGOVOE, CRIMEA, UKRAINE

XIX INTERNATIONAL SCHOOL-SEMINAR “SPECTROSCOPY OF MOLECULES AND CRYSTALS”



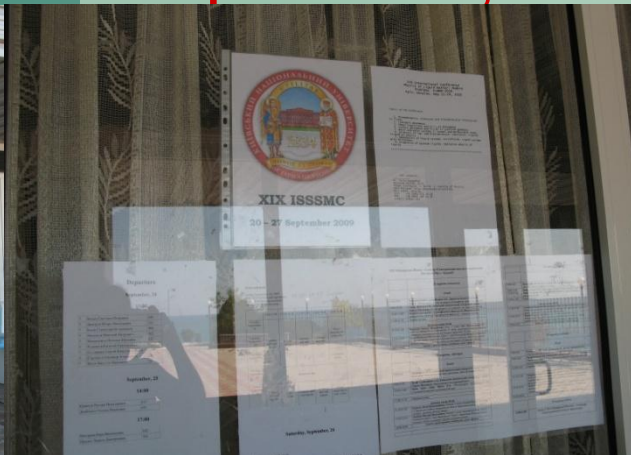
XIX INTERNATIONAL SCHOOL-SEMINAR
“SPECTROSCOPY OF MOLECULES AND CRYSTALS”

September, 20



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20.09

XIX INTERNATIONAL SCHOOL-SEMINAR “SPECTROSCOPY OF MOLECULES AND CRYSTALS”

18.00

Opening ceremony



20.09

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20.09

XIX INTERNATIONAL SCHOOL-SEMINAR “SPECTROSCOPY OF MOLECULES AND CRYSTALS”

19.00

Welcome party



20.09

XIX INTERNATIONAL SCHOOL-SEMINAR "SPECTROSCOPY OF MOLECULES AND CRYSTALS"

Welcome party



21.09

XIX INTERNATIONAL SCHOOL-SEMINAR "SPECTROSCOPY OF MOLECULES AND CRYSTALS"

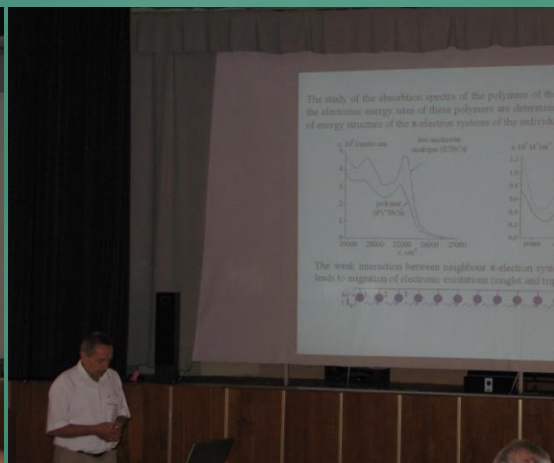
Lecture A. Kadashchuk.

Triplet Excitation Dynamics in Triplet-Emitter Containing Semiconducting Conjugated Polymers



Lecture V. Yashchuk.

The peculiarities of the DNA and RNA luminiscence



Lecture V. Karachevtsev.

Peculiarity of Free Poly(rU) Hybridization with Poly(rA) Adsorbed to the Carbon Nanotube Surface



21.09

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Lecture O. Slobodyanyuk.

Conservation laws of Raman scattering



Lecture S. Yezhov.

Thermalization in Heavy-Ion Collisions



Lecture N. Malomuzh.

To what extent are thermodynamic properties of water argon-like?



V. Marenkov.

Vibrational modes of nanoparticles in heterogeneous plasma



21.09

XIX INTERNATIONAL SCHOOL-SEMINAR "SPECTROSCOPY OF MOLECULES AND CRYSTALS"

Poster session
(3. Crystals, 4. Liquid crystals, 5. Nanoobjects)



22.09

XIX INTERNATIONAL SCHOOL-SEMINAR "SPECTROSCOPY OF MOLECULES AND CRYSTALS"

Lecture A. Negriyko.

Saturated absorption resonances in heteroisotope molecular iodine as references for diode laser frequency stabilization



Lecture L. Yatsenko. Optical Frequency Comb as Spectroscopic Tool



Lecture O. Zhikol. Molecular modelling as an essential tool of an experimentalis



22.09

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Coffee break



22.09

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Lecture N. Lebovka. Aggregation and phase transitions in nematic liquid crystal EBBA doped with carbon nanotubes

Lecture L. Lisetski. Dispersions Of Carbon Nanotubes In Liquid Crystals: State-Of-Art, New Results, Further Prospects



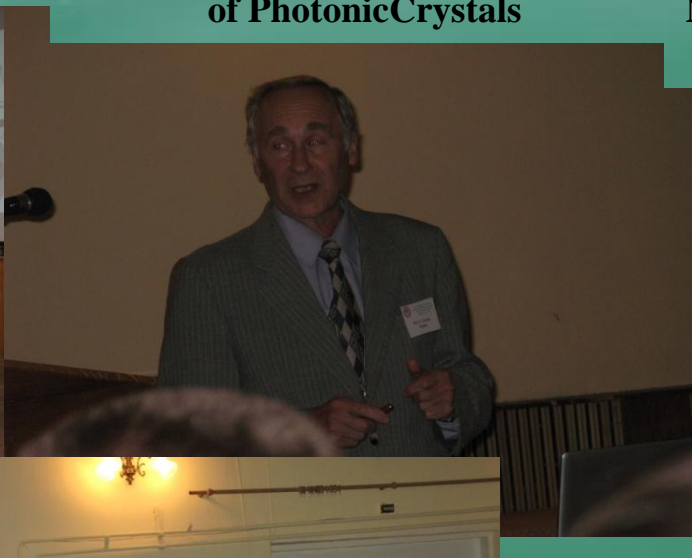
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Lecture *I. Dmitruk*. Experimental determination of local field enhancement factor at the surface of metal nanoparticles



Lecture *V. Gorelik*. Frequency Tunable Sources of Light on the Base of Photonic Crystals

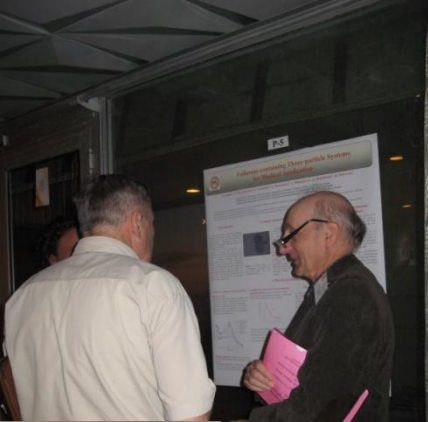
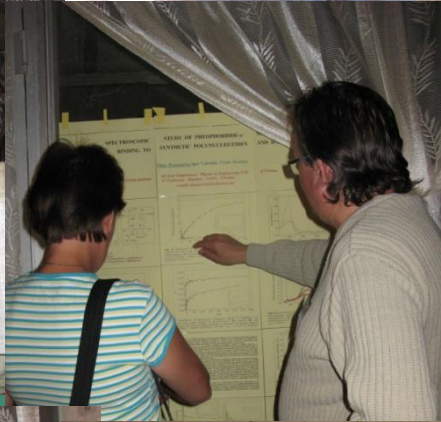
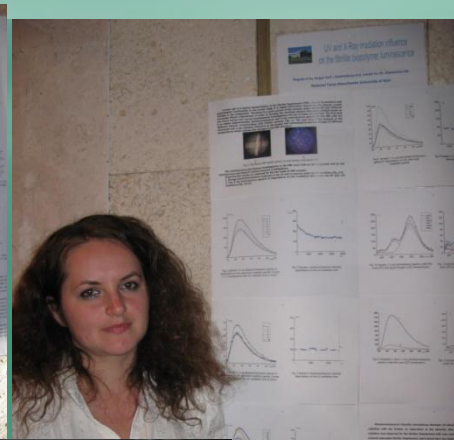


Lecture *V. Moiseyenko*. Spontaneous Parametric Light Scattering in Spatially-Nonuniform Materials Based on Globular Photonic Crystals



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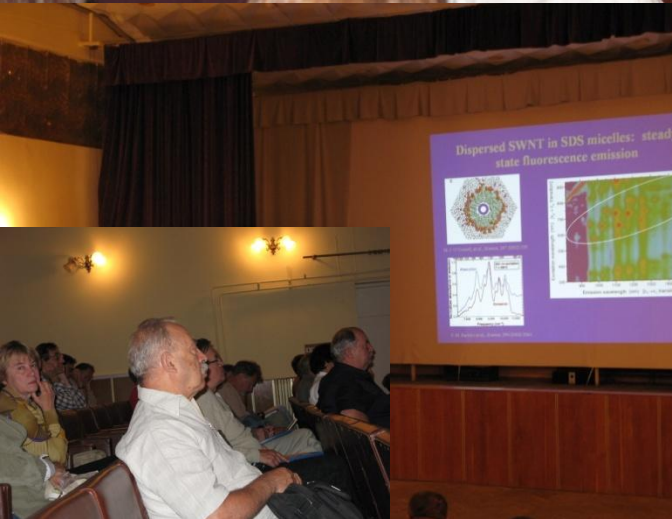
Lecture L. Valkunas . Exciton dephasing in single-walled carbon nanotubes



Lecture M. Dergachov. Surface enhanced Raman scattering in synthetic opals infiltrated with salts of metals



Lecture G. Telbiz. Ways of Formation and Spatial Stabilization of Ag Clusters and Nanostructures in Mesoporous Titania Thin Film



Lecture G. Guralchuk. Features of Energy Transport in Luminescent Molecular Nanoclusters (J-aggregates)



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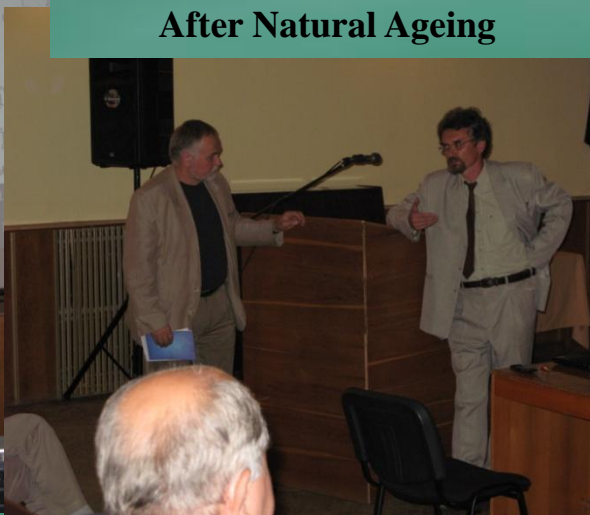
I. Dmitruk.

Correction of
intensity in
calculated Raman
spectra of multi-
element
compounds



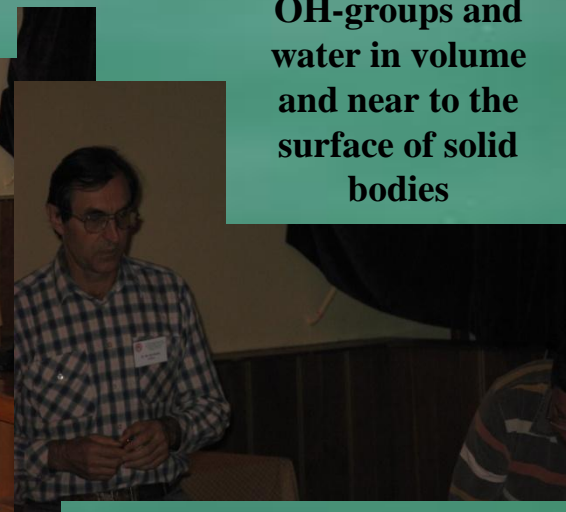
O. Lyashenko. Features of

Electroluminescence of Light-
Emitting GaAsP/Gap Structures
After Natural Ageing

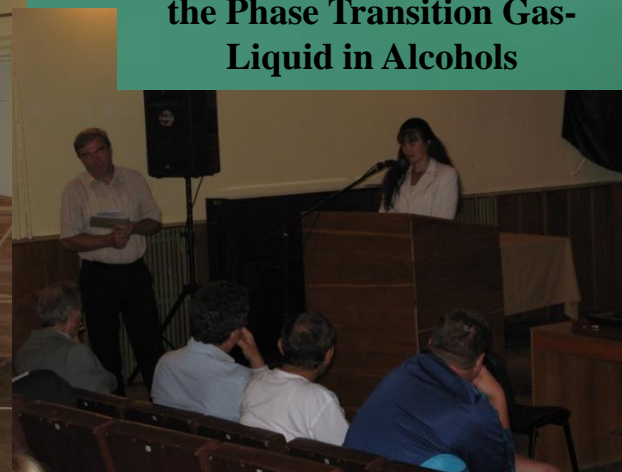


M. Korniyenko.

Discrete States of
OH-groups and
water in volume
and near to the
surface of solid
bodies



I. Doroshenko. The Kinetics
of Cluster Formation During
the Phase Transition Gas-
Liquid in Alcohols

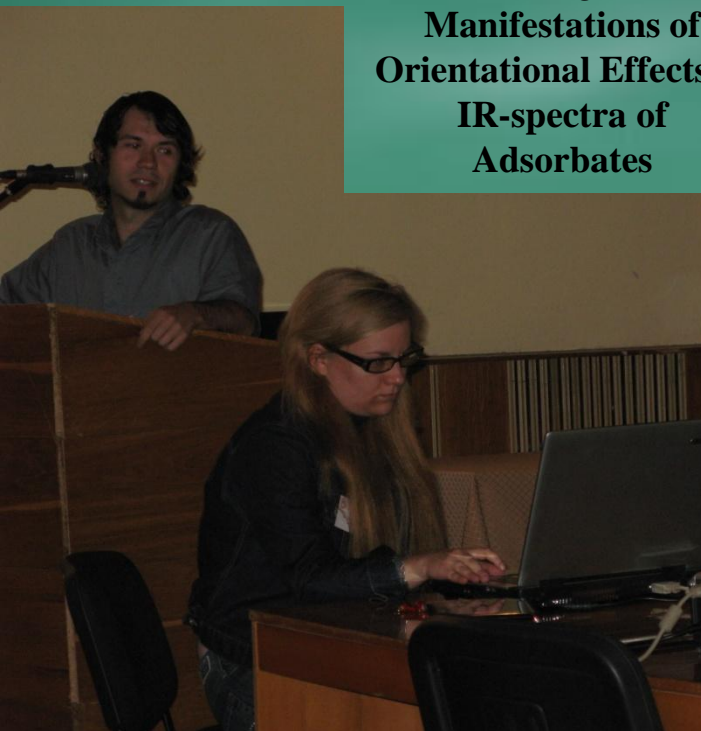


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A. Snigur.

**Manifestations of
Orientational Effects in
IR-spectra of
Adsorbates**



E. Zhivotova.

**Hydration of
Oxyethylated
Derivatives of Glycerol**



V.Yashchuk. **Stimulated
Raman Scattering in
Strongly Scattering
ActiveMedium**



23.09

XIX INTERNATIONAL SCHOOL-SEMINAR "SPECTROSCOPY OF MOLECULES AND CRYSTALS"

Conference dinner



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To be continued...

