

LIST OF PARTICIPANTS THAT WILL RECEIVE GRANTS

	Number in longlist	Participant and his or her lecture title	Institution and country
1	2	Dr. Evgeny Apartsin, Assemblage of nucleic acid complex on the SWNT surface	Institute of Chemical Biology and Fundamental Medicine, Russian Academy of Science, Novosibirsk, Russia
2	3	Mrs. Olga Bibikova, Plasmon-resonance gold nanoparticles as drug carriers and optical labels for cytological investigations	Saratov State University named after N.G. Chernyshevsky, Russia
3	7	Ms. Ljudmyla Chepyga, Graphene-like autointercalated Niobium Diselenide nanoparticles: new possibility of 2D nanomaterials design	Frantsevich Institute for Problems of Materials Science, NASU, Kyiv, Ukraine
4	12	Ms. Anna Grigorova, Optical properties of colloidal ReVO ₄ :Eu ³⁺ (Re=La, Gd, Y) nanophosphors	Institute for Scintillation Materials, NASU, Kharkiv, Ukraine
5	13	Ms. Galyna Gunko, Synthesis and properties of composites based on polymers and multiwalled carbon nanotubes	O.O. Chuiko Institute of Surface Chemistry, NASU, Kyiv, Ukraine
6	15	Mr. Bogdan Illkiv, Electronic structure of graphene nanosheets	Frantsevich Institute for Problems of Materials Science, NASU, Kyiv, Ukraine
7	17	Mr. Maksym Karachevtsev, Pecularity of Poly(rC) and Poly(rl) hybridization on the carbon nanotube surface	ILPTE – B. Verkin Institute for Low Temperature Physics and Engineering, NASU, Kharkiv, Ukraine
8	19	Dr. Andrii Kleshchonok, 2D electron interferometer: interaction and temperature effects	Atomic Energy and Alternative Energies Commission (Commissariat à l'Energie Atomique (CEA)), France
9	21	Mr. Maksim Kopylovsky, Impact of the embedded TiO ₂ nanoparticles on the second harmonic generation in the KDP single crystals	Institute of Physics, NASU, Kyiv, Ukraine
10	22	Mrs. Evgeniya Kovalska, Deagglomeration of carbon nanotubes in aqueous solutions of variety compounds	O.O. Chuiko Institute of Surface Chemistry, NASU, Kyiv, Ukraine
11	24	Mr. Sergey Kredentser, Magnetically-induced ordering of dispersions of non-magnetic hard rods doped with spherical superparamagnetic nanoparticles	Institute of Physics, NASU, Kyiv, Ukraine
12	28	Mr. Nikolaos Lempesis, Molecular Simulations of complex materials	National Technical University of Athens, Greece
13	29	Mr. Evgen Leonenko, Optical manifold of spatial localization of dyes molecules self-organized in the body of silica thin films	L. V. Pisarzhevsky Institute of Physical Chemistry, NASU, Kyiv, Ukraine
14	30	Dr. Kira Liapina, Method to produce suspensions using encapsulated metal nanopowders	Paton Electric Welding Institute, NASU, Kyiv, Ukraine
15	31	Ms. Alina Lyashchova, Nonlinear Optical Properties of New Nanocomposites: Frozen Smectic with CdS Quantum Dots	Institute of Physics, NASU, Kyiv, Ukraine
16	34	Ms. Daria Melnik, Spectral properties of semiconductor quantum dots synthesized in ionic liquid crystals of	Institute of Physics, NASU, Kyiv, Ukraine

		cadmium alkanoates	
17	36	Ms. Tetiana Mishakova, Sensitivity of the optical sensor based on the local plasmons in the layers of nanoparticles depending on size and shape of the particles	Taras Shevchenko National University of Kyiv, Ukraine
18	39	Mr. Victor Nazarychev, Multiscale computer simulations of thermostable polyimide nanocomposites	Institute of Macromolecular Compounds Russian Academy of Science, Saint-Petersburg, Russia
19	42	Mr. Anton Nosenko, The influence of dopants Mo and Ni on magnetic characteristics of Fe-Si-B amorphous alloys	G.V. Kurdiymov Institute for Metal Physics, NASU, Kyiv, Ukraine
20	49	Mr. Ievgen Pilipchuk, Gd-containing magnetic nanoparticles for neutron capture therapy and magnetic resonance imaging	O.O. Chuiko Institute of Surface Chemistry, NASU, Kyiv, Ukraine
21	51	Ms. Anna Rynder, Enhancement of IR Signals of Biomolecules Adsorbed on the Single Wall Carbon Nanotubes and Graphene Nanoplates	Institute of Physics of NASU & National University of 'Kyiv-Mohyla Academy', Kyiv, Ukraine
22	52	Mr. Vasil Saroka, Surface plasmon retardation in graphene bilayer	Research Institute for Nuclear Problems of Belarusian State University, Minsk, Belarus
23	55	Mr. Anton Senenko, STM-investigation of adsorption of long chain aliphatic compounds on atomically flat surfaces	Institute of Physics, NASU, Kyiv, Ukraine
24	57	Ms. Nina Sheremet, Photoinduced Anchoring of Liquid Crystal on Nano-layers of Chalcogenide Glasses	Institute of Physics, NASU, Kyiv, Ukraine
25	58	Ms. Irina Shton, Nanocomposite of colloid gold with photosensitizer Fotolon as a potent drug in two-step cancer therapy	R.E.Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, NASU, Kyiv, Ukraine
26	61	Dr. Sergii Smola, Sol-gel organic-inorganic hybrid materials, containing lanthanide complexes with polydentate acyclic and cyclic ligands: synthesis and spectral-luminescent properties	A.V. Bogatsky Physico-Chemical Institute, NASU, Odessa, Ukraine
27	67	Mr. Serhiy Tomylko, Liquid Crystal Dispersions of Carbon Nanotubes Assisted by Organically Modified Laponite Platelets	Institute of Physics, NASU, Kyiv, Ukraine
28	75	Ms. Sofiya Voronovich, Stimulated Cherenkov emission in carbon nanotubes	Research Institute for Nuclear Problems of Belarusian State University, Minsk, Belarus
29	76	Mr. Igor Yashchishyn, The influence of chromium on thermal evolution of stabilized zirconia nanoparticles and their surface state	Donetsk Institute for Physics and Engineering named after A.A. Galkin, NAS of Ukraine
30	77	Mr. Anton Yevchik, Raman spectroscopy of nanocomposites on basis of synthetic opals and active dielectrics	Oles` Honchar Dnipropetrovs`k National University, Ukraine
31	79	Dr. Yevgeniy Shaydyuk, Charge separated state of phenothiazine upon adsorption on crystal of laponite	Institute of Physics, NASU, Kyiv, Ukraine
32	80	Mr. Vitaliy Boyko, Luminescent imaging of biological molecules and cells on the photonic crystal surface	Institute of Physics, NASU, Kyiv, Ukraine

33	81	Mr. Yevhen Shynkarenko, Nanocluster production by pulsed laser ablation in liquids	Institute of Physics, NASU, Kyiv, Ukraine
34	151	Mr. Pelliser Laurent, Deposition and self-alignment of CdSe nanorods on defects of a layer of liquid crystal	Pierre-and-Marie-Curie University, Paris Institute of Nanoscience, (Université Pierre et Marie Curie, Institut des NanoSciences de Paris), France
35	153	Mr. Danylo Butenko, The nanoparticle shape effect of the light scattering cross-section	Institute of Physics, NASU, Kyiv, Ukraine
36	154	Ms. Alina Korobeinyk, Single-layer graphene oxide architecture	University of Brighton, Brighton, United Kindom