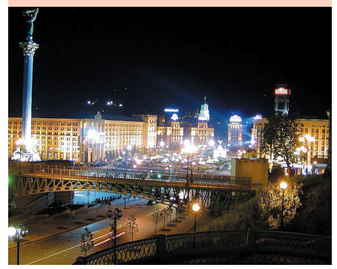
The Shedule of

3rd Open Summer School-Seminar

“Achievements and Applications of Contemporary Informatics, Mathematics and Physics”

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
10:00 - 11:00	Opening of the Summer School	**R. Pochet** – (Lec, Eng) How cell uses calcium for signaling (part 1).	**R. Pochet** – (Lec, Eng) Alzheimer disease from the calcium side (part 1).	**R. Tikidji-Hamburyan** – (Lec, Eng) Modern methods and means for simulative brain modeling of neuron structure.	**G. Weber** – (Lec, Eng) Data mining used in complex societal problems.	**G. Weber** – (Lec, Eng) 8 years EUROPT. Eco-finance networks under unucertainty.	
11:05 - 12:05	**R. Tikidji-Hamburyan** – (Lec, Eng) Modern methods and means for simulative brain modeling of neuron structure.	**R. Pochet** – (Lec, Eng) How cell uses calcium for signaling (part 2).	**R. Pochet** – (Lec, Eng) Alzheimer disease from the calcium side (part 2).	**V.Sugakov** – (Lec, Rus) Synergetics.	**G. Weber** – (Lec, Eng) Environmental and life sciences: gene-environment networks and their dynamics. Multivariate adaptive regression spline and continuous optimization for modern applications in science, economy and technology.	**G. Weber** – (Lec, Eng) EURO XXIII in Bonn. Multivariate adaptive regression spline and continuous optimization for modern applications in science, economy and techology.	Bus excursion to Pereyaslav-Hmelnystkyi. Visit of an open-air museum. Picnic.
12:10 - 13:10	**R. Garavuso** – (Lec, Eng) String theory.	**T. Aksenova** – (Lec, Eng) Neuroinformatics, application in medicine. brain computer interfacing (part 1).	**T. Aksenova** – (Lec, Eng) Neuroinformatics, application in medicine. Brain computer interfacing (part 3).	**R. Tikidji-Hamburyan** – (PC, Eng) Modern methods and means for simulative brain modeling of neuron structure.	**Yu. Podladchikov** – (Lec, Eng) Geophisics.	**A. Makarenko** – (Lec, Eng) New mathematical models of social systems and their multivalued solutions.	
14:30 - 15:30	**R. Tikidji-Hamburyan** – (Lec, Eng) Modern methods and means for simulative brain modeling of neuron structure.	**T. Aksenova** – (Lec, Eng) Neuroinformatics, application in medicine. brain computer interfacing (part 2).	**V.Chabaniuk, L.Rudenko** – (Lec, Rus) Electronic atlas of Ukraine: yesterday, today, tomorrow.	**G. Weber** – (Lec, Eng) Organization in finance prepared by stochastic differential equations with additive and nonlinear models and continuous optimization.	**E. Podladchikova** – (Lec, Eng) New experimental diagnostic of inetplanetary mediumm. Cellular automata models to decribe turbulent plasma processes.	**F. Danevich** – (Lec, Eng) Dark Matter: a challenge for 21 century physics.	
15:30 - 16:30		**O. Kapustyan** – (Lec, Rus) Attractors of multivalued dynamic systems.	**E. Podladchikova** – (Lec, Eng) New diagnostics techniques of space and data reduction.	“Mac House” company presentation (PC, Rus) Welcome to Leopard, a complitely new version of Mac OS X.	**Yu. Podladchikov** – (Lec, Eng) Geophisics.	**A.Makarenko** – (Lec, Eng) New mathematical models of social systems and their multivalued solutions.	
	Welcome party (club “Alma Mater”, build.1)	Cinema club 	Kyiv sightseeing tour, supper		Cinema club 		

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
10:00 - 11:00	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	**L. Podladchikova** – (Lec, Eng) Potentialities and restrictions of modern methods to researches in neuronal mechanisms of brain system functions.	**B. Goldengorin** – (Lec, Eng) Some open problems in quantitative logistics (part 1).	**B. Goldengorin** – (Lec, Eng) Some open problems in quantitative logistics (part 3).	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	**I. Tetko** – (PC, Eng) Chemoinformatics & data mining 2 (overfitting, applicability domain).	
11:05 - 12:05	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	**S. Moskaliuk** – (Lec, Eng) From LOFAR-CM to astroparticle physics.	**B. Goldengorin** – (Lec, Eng) Some open problems in quantitative logistics (part 2).	**B. Goldengorin** – (Lec, Eng) Some open problems in quantitative logistics (part 4). Double degrees in operations research, ecnometrics, and acturarial sciences from NTUU “KPI” and Groningen,	**A. Kosinskaya** – (PC, Rus) Microsoft solutions in the sphere of web-application design.	**K. Kosinskiy** – (PC, Rus) Microsoft solutions in the sphere for hosting web-application.	Visiting of the events dedicated to celebration of Ukraine Independence Day, free time
12:10 - 13:10	**S. Moskaliuk** – (Lec, Eng) The Categorical Analysis of Mathematical Logic	**L. Podladchikova** – (PC, Eng) Temporary dynamic of brain visual cortex and cerebellum cortex activity.	**G. de Werk, J. Fidler** – (Lec, Eng) Sustainable development.	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	**D. Holod** – (PC, Rus) Microsoft academic programmes.	**I. Tetko** – (PC, Eng) Chemoinformatics & data mining 3 (practical course on model building).	
14:30 - 15:30	**S. Barchiuk** – (Lec, Rus) Workshop on scientific journalism, “Science and technology”.	**I. Tetko** – (Lec, Eng) Introduction to chemoinformatics.	**A. Mostinskaya, V. Ardamatskaya** – (Lec, Rus) Workshop on scientific journalism.	**K. Kosinskiy** – (PC, Rus) Microsoft solutions in the sphere of database.	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	Summer School participants- reports presentation. Final results of the contest on the popular science articles.	
15:30 - 16:30	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	**A. Chikriy** – (Lec, Rus) Elements of nonlinear analysis in dynamic games’ theory.	**G. de Werk, J. Fidler** – (PC, Eng) Sustainable development.	**I. Tetko** – (PC, Eng) Chemoinformatics & data mining 1 (structure representation, data, methods).	Closing ceremony, presenting with certificates and a coktail reseption	
		Quest game in NTUU “KPI” campus	Excursion to Kyiv observatory	Round table on scientific journalism “Who and how has to speak about science in mass-media”. (Rus)			

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Lec – lecture in the Large Physical Hall (БФА on map)
PC – laboratory in the PC room (ПК on map)
Eng – English language
Rus – Russian language