SUMMER SCHOOL



Achievements and applications of contemporary informatics, mathematics and physics

2015



Student Science Association

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X Summer School "Achievements and Applications of Contemporary Informatics, Mathematics and Physics"

National Technical University of Ukraine "Kyiv Polytechnic Institute"

August 4-18, 2015 — Kyiv, Ukraine

http://summerschool.ssa.org.ua/

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Welcome

The Summer School "Achievements and Applications of Contemporary Informatics, Mathematics and Physics" is an annual project organized and held by Student Science Association and the National Technical University of Ukraine "Kyiv Polytechnic Institute" in Kyiv, Ukraine. The prior aim of the project is to promote science among the young adults.

The courses are held by highly qualified lecturers and scientists from Ukraine, Canada, the USA, Germany, UK, Turkey, Estonia, Russia, France and other countries. Such variety of the lecturers countributes to the multinational environment for discussions on the hot topics of contemporary science and technology. Different formats are used at the Summer School including lectures, workshops, round tables and presentations. Apart from the educational program, exciting leisure activities such as excursions, debates and quest, cinema club, and parties are prepared for the participants.

This summer we will be offering four streams covering the most intriguing and contemporary academic fields — Applied Computer Science, Computational Neuroscience, 3D-printing and Smart Cities: Operational Research, Energy and Urbanistics. All of our courses are designed to challenge and inspire you in the field that holds your interest. In Kyiv, an ancient city known for design, technology and a vibrant cultural life, you will find the perfect environment for studying, making new friends and having fun!

Organizers



National Technical University of Ukraine "Kyiv Polytechnic Institute" founded in 1898 is one of the oldest higher education institutions in Ukraine. It ranks first nationally among technical universities and has educational partners all over the world. NTUU "KPI" maintains its solid reputation for highly skilled specialists preparation — the ones recognized both by scientific community and employers.



Student Science Association (SSA) is a team of young and motivated people, which creates a scientific environment with a help of the implementation of successful projects that are aimed at supporting knowledge-intensive ideas, innovation and knowledge sharing.

The projects of SSA are aimed at active people who are interested in obtaining, sharing and creating new knowledge and technologies at KPI, Ukraine and the all over the world.

Project team



Oleksii Pasichnyi Strategic development & academic program SC



Kate Pereverza Academic program SC



Dmytro Fishman Academic program ACS & CNS



Irina Smolina Academic program 3D printing



Oleksii Molchanovskyi Academic program ACS & CNS, Infomation campaing



Liudmyla Pavlenko Academic program SC & work with partners, logistics



Oksana Dziuba Secretariat & finance, work with AACIMP team, accomodation



Sandra Yaremchuk Work with lecturers, participants, meals



Marina Kozar Logistics, infrastructure, PR, social program

AACIMP team



Danylo Batulin CNS coordinator



Hleb Berezovsky Technical support



Olha Bolhar Graphical designer



Daria Botvynko Work with lecturers



Kateryna Dashko
PR production



Ivanna Diachuk Photo, video



Yaroslav Holovenko Infrastructure support



Pavlo Ilchyk ACS technical support



Maksym Khamrovskyi ACS coordinator



Tetiana Klymenko CNS coordinator



Alona Kravchenko Social program



Yevheniia Kuhuk Work with lecturers



Illia Luzan 3D printing coordinator



Liubov Mietielieva Web-site



Nataliia Mykhailenko Social program



Oksana Naumenko SC coorginator



Yuliia Puzanova Secretary



Yelyzaveta Rud Social program coordinator



Olha Shandra Work with lecturers



Mariia Shchurska Work with partners



Iuliia Shevchenko Work with participants



Yevheniia Shumitska Meals coordinator



Oleksandra Tkalich Work with lecturers



Dymitr YovchevWork with participants

Plenary lecture

"Business Analytics and Data Science — Opportunities for Ukraine and for the World"

August 4, 11⁰⁰, Academic Council Hall



Dr. Oleksandr Romanko (Canada, Ukraine) Ph.D., Senior Research Analyst at IBM Canada and Adjunct Professor at University of Toronto

Business analytics is a process of analyzing information to support decision making process in business sphere. It includes methods for data collecting and processing, risk assessment, modelling and forecasting using information and telecommunication technologies.

But what opportunities can be obtained through analytics? In order to clarify this, we will look at the examples of practical application of business analytics in risk management, finance, health-care, industrial production and human services. Also it is interesting to analyze such spheres like marketing, crime prevention, effective urban management, web analytics and social media, personal analytics.

Business analytics and forecasting allow hundreds of companies and countries to save lives and preserve resources. We try to understand, what opportunities exist for Ukraine and the whole world due to analytics.

Student projects

The key element of this year Summer School program is student's projects. These projects are based on real-life problems, proposed by the representatives of city counsuls and companies, organizations, as well as citizens and researchers that will supervise students during their work in the multidisciplinary teams. The participants will be provided with necessary tools to accomplish their projects. The project teams will present the results of their work publicly at the end of the School.

Project fair

Project fair is aimed at bringing students and project coordinators together in order to set up groups for project work. The project fair will start with general overview of the students project work in the AACIMP. After that project supervisors will briefly pitch their projects and provide more details whille Q&A sessions coming after. Then the students will submit their project preferences, selecting several options by priority. Program team and supervisors will assign each student to one of the projects according to their preferences and skills.

Projects

P1	Using Neural Networks for Diabetic Retinopathy Detection in
	Eye Images. Dmytro Fishman

- P2 Smart Career Planning and Skill Development via Personal Analytics. **Oleksandr Romanko**
- P3 Plasticity of Neural Circuits and Neurobiology of Learning. **Jenia Jitsev**
- P4 Creating a virtual reality object. **Dmytro Biriukov**
- P5 Content-based Image Recommendations for Online Social Networks. **Dmytro Karamshuk**
- P6 Modeling neuronal networks for metric representation of space and spatial navigation. **Andrey Stepanyuk**
- P7 Multimodal Neural Language Models. Sergii Gavrilov
- P8 Improvement of Traffic Signaling System Data. Anton Hagen
- P9 Characteristics of spikes in different neuron models (exponential integrate-and-fire, Hodgkin-Huxley, and Izhikevich models) as fuctions of not only input (synaptic) current but input conductance as well. **Anton Chizhov**
- P10 The concept of industrial design. Alexander Nesterenko
- P11 Linear Systems. Analysis of Complex Nonlinear Data Sets and Model Development. Meta Modelling vs Mechanistic Modelling. Serge Gale
- P12 Computational Models of Pitch Perception. Vincent Adam
- P13 Air Solar Collector. **Andrii Zakovorotniy**
- P14 Harvesting information from video surveillance systems.

 Andrey Lyubonko
- P15 Muscle-computer interface for neurorehabilitation purposes.

 Bohdan Kolomiiets
- P16 Creation of Ukrainian language NER system. **Vsevolod Dyomkin**
- P17 Brain-Computer Interface. **Dorottya Cserpan**
- P18 3D printing of heat pipes. Sergej Khairnasov
- P19 Normalization of Noisy Text. Vsevolod Dyomkin
- P20 Sustainable Campus: PR. Alana Lajoie-O'Malley
- P21 Sustainable Campus: Engineering. Alana Lajoie-O'Malley.
- P22 Ukrainian trends: identifying significant words in news articles. **Vsevolod Dyomkin**
- P23 Satellite Image Processing. Alexey Leonov

Applied computer science

ACS stream focuses on Data Science and Data Analysis. In the modern world these fields are especially eminent due to the dramatically growing amount of data produced by the mankind.

The ACS program will include classes on data retrieval, pre-processing and storage, data mining and machine learning techniques. The practical project topics will incorporate, among others, visual data analysis, natural language processing, social data analysis etc.



Mr. Vsevolod Dyomkin (Ukraine)
Tech lead at Grammarly, adjunct professor at NTUU
"KPI", Grammarly, NTUU "KPI"



Mr. Serge Gale (Ukraine / United Kingdom / Norway)
PhD student,
Institute of Technical Cybernetics (ITK), NTNU



Mr. Sergii Gavrylov (Ukraine)Junior research engineer, Grammarly



Dr. Dmytro Karamshuk (Ukraine / United Kingdom)
Department of Informatics, King's College London



Mr. Oleksii Leonov (Ukraine) Chief Technology Officer at Cropio, M.Sc., System analysis, NTUU "KPI", Cropio, NTUU "KPI"



Mr. Andrey Lyubonko (Ukraine) Lead Engineer, Samsung R&D Institute Ukraine (SRK)



Mr. Konstantin Tretyakov (Estonia) Researcher, University of Tartu



Mr. Dmytro Fishman (*Ukraine / Estonia***)** Junior researcher, PhD student, University of Tartu

80	cfast	~	. Vision	break	o Jk endation	ch	Jrk	time		
80.60	Breakfast	Mr. Andrey	Lyubonko Basics of Computer Vision	Coffeebreak	Mr. Dmytro Karamshuk Recommendation system	Lunch	Project work	Free time	Dinner	
08.08	Breakfast				Free day					
07.08		Oleksandr	Simulation, modelling and Optimization		Oleksandr Romanko Visualial Analytics and Knowledge Representation		Project Fair			0.000.000
80.90	Breakfast	Mr. Konstantin	Tretyakov Introduction to Machine Learning	Coffeebreak	Mr. Konstantin Tretyakov Introduction to Machine Learning	Lunch	Mr. Vsevolod Dyomkin Basics of NLP			
05.08	Breal	Mr. Konstantin	Tretyakov Introduction to Machine Learning		Mr. Konstantin Tretyakov Introduction to Machine Learning	, Tru	Mr. Vsevolod Dyomkin Basics of NLP	Free time	Dinner	
04.08		Opening ceremony	Dr. Oleksandr Romanko Plenary talk	Intro lecture			Mr. Dmytro Fishman "Intro- duction to Python"			
	08:30	9:30 10:20	10:25 11:15	11:15	11:50	14:00 15:00	15:00 16:45	16:45 17:30	17:40 18:20	

10.08	11.08	12.08	13.08	14.08	15.08	16.08	17.08	18.08
	Breakfast		Breakfast			Breakfast	_	
Mr. Oleksii Leonov Satellite Image Processing	Mr. Oleksii Leonov Satellite Image Processing	Dr. Serge Geil Multivariate Data Analysis				Project work	논	
	Coffeebreak					Coffeebreak	, k	
Dr. Dmytro Karamshuk Basics of Social Network Analysis	Dr. Dmytro Karamshuk Link prediction and community detection	Dr. Serge Geil Model Develop- ment with MVA and Newtonian Mechanics	Free da		Project work	vork		Final presentaions parallel sessions
	Lunch		ау			Lunch		
				Inter- midiata				Projects results
	Project work			presenta- tions	<u>r</u>	Project work		Fair of the projects results
	Free time					Free time	a)	
	Dinner		Dinner			Dinner		
	Social program				Social program	gram		Closing



Smart cities

Smart cities stream focuses on sustainable urban development empowered with analytical methods, ICT tools and emerging technologies.

The stream will start with brief introduction into basics of urbanistics, challenges of contemporary cities and "smart"-related concepts and approaches, i.e. internet of things and big data induced intelligence; urban system modelling, operations research and business analytics; user-centric city services and strategic planning.

Further the program will proceed to cases and applications for several key areas of smart cities: energy, mobility, security, planning and governance, as well as tools and methods to complete projects, which will be a core activity of the stream.



Mr. Mario Bodem (Germany)
Gesellschaft für Internationale Zusammenarbeit



Mr. Dmytro Chornenkyy (Ukraine) Siemens Ukraine, Head of Mobility Department



Mr. Anton Hagen (Ukraine) A+S Ukraine



Dr. Sergii Khairnasov (Ukraine)PhD, DSc. at Thermal Power Department, National Technical University of Ukraine "KPI"



Mr. Bostjan Krajnc (Slovenija) Director , KSSENA - Energy Agency of Savinjska, Šaleška and Koroška Region



Ms. Alana Lajoie-O'Malley (Canada) Director, Campus Sustainability Office, The University of Winnipeg



Mr. Ivan Pasichnyk (Ukraine) Co Founder, CEO - EcoisMe



Dr. Oleksandr Romanko (Canada, Ukraine) IBM Canada and University of Toronto



Dr. Benoit Sicre (Switzerland)University of Applied Science of Lucerne/Switzerland – Center for integrated building technologies ZIG



Mr. Urs Thomann (Switzerland, Ukraine)
Deputy Director, Vinnytsia Municipal
Centre of Urban planning and Architecture



Prof. Gerhard-Wilhelm Weber (*Turkey*) Institute of Applied Mathematics, East Technical University



Mr. Andrii Zakovorotnyi (Ukraine)
Institute of Engineering Thermophysics, NAS of Ukraine.



Mr. Roman Zinchenko (Ukraine) Greencubator

	04.08	05.08	06.08	07.08	08.08	80.60
08:30		Brea	Breakfast		Breakfast	Breakfast
9:30 10:20	Opening ceremony	Mr. Urs Thomann	Prof. Gerhard-Wil- helm Weber "OR	Mr. Dmitriy Ocheretianyi "Energy flows in smart cities: sensors, data and analysis"		Mr. Anton Hagen "Basics of Urban planning"
10:25 11:15	Dr. Oleksandr Romanko Plenary talk	"Urbanistics"	for developing counries"	Mr. Anton Hagen "Foreword: why trans- portation planing is so important?"		Mr. Anton Hagen "Transportation sup- ply and demand"
11:15	Intro lecture		Coffeebreak			Coffeebreak
11:50 12:40		Mr. Roman Zinchenko "Enerdy for Smart	Dr. Oleksandr Ro- manko "Analytics for Businesses	Mr. Urs Thomann	Free	Kyle MacDonald "Energy management system"
12:45 13:35		Cities"	and Smart Cities"	"Urban challenges"	day	Alana Lajoie-O'Mal- ley, "Sustainability planning"
14:00 15:00		Γn	Lunch			Lunch
15:00 15:50	Mr. Dmytro Fish-	Prof. Gerhard-Wil- helm Weber	Ms. Alana Lajoie-O'Malley			Mr. Andrii Zakovo- rotnvi "Enerdy man-
15:55 16:45	man "Introduction to Python"	"OR for developing counries"	"University as a driver for sustain-ability changes"	Project Fair		agement and control in Smart Cities"
16:45 17:30		Free time)			Free time
17:40 18:20		Dinner		Doeter Section		Dinner
18:30 21:00	Welcome party	Social program	rogram		Free day	Social program

	10.08	11.08	12.08	13.08	14.08	15.08	16.08	17.08	18.08
		Breakfast		Breakfast		Bre	Breakfast		
Mr. Bo "Energ	Mr. Boštjan Krajnc "Energy manage- ment in Smart	Mr. Anton Hagen "Data layers required for analysis"	Mr. Volody- myr Volos- hchuk "Heat		Dr. Sicre Be- noit "Domestic Hot Water	Dr. Sicre Be- noit "Domestic Hot Water	í.		
Cities: Ene efficiency transport"	Cities: Energy efficiency and transport"	Mr. Anton Hagen "Future of transpor- tation planning"	pumps tech- nology for En- ergy Efisiant Buildings"		systems for Smart Cities: challenges and solutions"	systems for Smart Cities: challenges and solutions"	<u>ጎ</u>	Project work	¥
		Coffeebreak				Coff	Coffeebreak		
Mario Boo House: A a Sustaina Technical highly ene constructi	Mario Bodem, Passive House: A Standard for a Sustainable Future. Technicial aspects of highly energy efficient construction and refur- bishment	Social sustainability	Mr. Ivan Pasichnyk "Ecoisme"	Free day	Siemens, Smart transport and infrastructure solutions	Proj	Project work		Final present-taions - parallel sessions
		Lunch				L	Lunch		
		- to			Intermidiate	Ċ	1		Projects results
					tions		400 × 00 × 00 × 00 × 00 × 00 × 00 × 00		Fair of the projects results
		Free time				Fre	Free time		
		Dinner		Dinner		Õ	Dinner		
		Social program				Social program	am		Closing



3D printing

The 3D printing stream is dedicated basic principles of 3D printing: working with CAD models, scanning objects and installing a 3D printer for multifunctional details and prototypes production.

The classes are supplemented with multidisciplinary examples of additive manufacturing applications. During the second and third phases of the School the participants work on the cross-disciplinary projects in collaboration with students from other streams.



Mr. Dmytro Biriukov (Ukraine) aDDDitive & KHackerSpace



Mr. Fedor Boytsov (Ukraine)
Pixelated Realities & aDDDitive



Mr. Stanislav Dzherikhov (Ukraine) aDDDitive & aDDDlab



Mr. Oleksandr Feniks (Ukraine) 3dprinter.org.ua



Mr. Dmitriy Gorlov (Ukraine) Functional Analyst, Materialise



Ms. Darya Kireyeva (Ukraine) Materialise



Mr. Alexandr Nesterenko (Ukraine)
ARTKB



Mr. Pavlo Nesteruk (Ukraine)
ARTKB



Ms. Svitlana Savorona (Ukraine)
"School of Visual Communication", "10project" design studio



Ms. Polina Telegeeva (*Ukraine***)** Materialise



Mr. Alexander Tubolets (Ukraine) Materialise

	04.08	05.08	80.90	07.08	80.80	80.60
08:30 09:30		Brea	Breakfast		Breakfast	Breakfast
9:30 10:20	Opening ceremony	Mr. Dmytro	Mr. Oleksandr Feniks	Ms. Darya Kireyeva		Dr. Dmitriy Gorlov
10:25	Plenary talk Oleksandr Romanko	"3D Printing"	"Introduction to Solidworks"	3U Printing: Koad to the Future"		"Magics Training"
11:15 11:50	Intro lecture		Coffeebreak			Coffeebreak
11:50 13:35		Mr. Dmytro Biriukov "3D Printing"	Mr. Oleksandr Feniks "Introduction to Solidworks"	Mr. Alexander Tubolets "Robotic grippers: unusual application of 3D-printing"	Free day	Dr. Dmitriy Gorlov "Magics Training"
14:00 15:00		Tru	Lunch			Lunch
15:00	Mr. Dmytro Biriukov "Introduction to 3D printing: Teleport Robots to the Mars"	Mr. Dmytro Biriukov "3D Printing"	Mr. Dmytro Biriukov "3D Printing"	Project Fair		Mr. Dmytro Biriukov "3D Printing"
16:45 17:30		Free time				Free time
17:40 18:20		Dinner		Octobro Science		Dinner
18:30 21:00	Welcome party	Social	Social program		Free day	Social program

	10.08	11.08	12.08	13.08	14.08	15.08	16.08	17.08	18.08
08:30 09:30		Breakfast		Breakfast		E	Breakfast		
9:30 10:20	Mr. Pavio Nesteruk "Role of design in	Ms. Svitlana Savorona "Ap- plication of 3D	Ms. Polina Telegeeva "3D printing			Ā	Project work		
10:25 11:15	development"	printing in fash- ion-industry"	in medicine"						
11:15	0	Coffeebreak				S	Coffeebreak		
11:50 12:40		Mr. Fedor	Mr. Ivan						Final pre-
12:45 13:35	"Low-cost 3D scan- ning"	"Low-cost 3D scanning"	Pasichnyk "Ecoisme"	Free day		Project work	vork		parallel sessions
14:00 15:00		Lunch					Lunch		
15:00 15:50	Mr. Fedor Boytsov				Inter-				Projects results
15:55 16:45	"Low-cost 3D scan- ning"	Project work	work		presenta- tions	Pre	Project work		Fair of the projects results
16:45 17:30		Free time				ш	Free time		
17:40 18:20		Dinner		Dinner			Dinner		
18:30 21:00	S	Social program				Social program	gram		Closing



Computational neuroscience

CNS stream focuses on the computational aspects of the field. The program will provide insight into a broad range of topics, including neuromechanics of movement control, dynamical neuron systems, neuroimaging, neuron-computer and brain-computer interfaces.

The CNS stream program aims to provide participants with an introductory review of the contemporary computational neuroscience field and to give a practical introduction to the principles of analysis and simulation packages.



Mr. Vincent Adam (UK, France)
Gatsby Computational Neuroscience Unit, UCL



Dr. Anton Chizhov (Russia)Ioffe Physical-Technical Institute of the Russian Academy of Sciences



Ms. Dorottya Cserpan (Hungary)
Wigner Research Centre for Physics, Hungarian
Academy of Sciences



Dr. Jenia Jitsev (*Germany*) Institute for Neuroscience and Medicine (INM-6), Research Center Jülich



Mr. Dmytro Grytskyy (Germany) Research Center Jülich, Institute for Computational Neuroscience



Dr. Nikolai Kononenko (Ukraine)Bogomoletz Institute of Physiology, NASU



Ms. Susanne Kunkel (Germany) Research Center Jülich



Mr. Philipp Weidel (Germany)
Research Center Jülich,
Institute for Advanced Simulation (IAS-6),
Institute of Neuroscience and Medicine (INM-6)



Dr. Andrey Stepanyuk (Ukraine)Bogomoletz Institute of Physiology



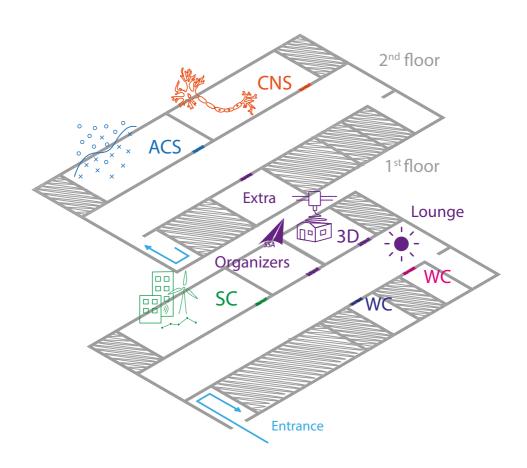
Dr. Sergiy Yakovenko (USA) West Virginia University School of Medicine

	04.08	05.08	06.08	07.08	08.08	80.60
		Breakfast	kfast		Breakfast	Breakfast
	Opening ceremony	Mr. Konstan- tin Tretyakov	Dr. Sergiy Yak- ovenko ″IDM	Dr. Sergiy Yakovenko		Dr. Anton Chizhov "Models of single
Dr. Oleksan Romanko Plenary talk	Dr. Oleksandr Romanko Plenary talk	Introduction to Machine Learning"	neuromusculo- skeletal models of locomotion"	"Central Pattern Generator"		neurons and neuron-computer interface"
	Intro lecture		Coffeebreak			Coffeebreak
		Mr. Konstantin Tretyakov "Introduction to Machine Learning"	Dr. Sergiy Yakovenko "FDM neuromusculo- skeletal models of locomotion"	Ms. Dorottya Cserpán "From single neurons to Brain-Computer Interfaces"	Free day	Dr. Anton Chizhov "Models of neu- ronal populations and visual cortex"
		Lunch	ıch			Lunch
Dr. Serg ko "Intre Matlab"	Dr. Sergiy Yakoven- ko "Introduction to Matlab"	Dr. Sergiy Yakovenko "Passive Walker	Mr. Dmytro Grytzkyy "Neural field models and reaction-diffusion	Project Fair		Project work / Ms. Dorottya Cser- pán "Interpretation of electrophysiological
		Free time	i alliewol k			rata Free time
		Dinner				Dinner
	\$	Welcome party			Free day	Social program

18.08				Final pre- senttaions parallel sessions		Projects results	Fair of the projects results			Closing
15.08 16.08 17.08	Breakfast	Project work	Coffeebreak	Project work	Lunch		Project work	Free time	Dinner	Social program
14.08		Dr. Nikolai Konon- enko "Circadian Clock in Mammals"		Project work / Dr. Nikolai Kononenko "Circadian Clock in Mammals"		Inter-	midiate presenta- tions			
13.08	Break- fast			Free day					Dinner	
12.08		Mr. Vincent Adam "Theories and Models of Pitch Perception"		Dr. Jenia Jitsev "Plasticity of Neural Circuits and Neurobiology of Learning"		Mr. Vincent Adam "Theories and Models of Pitch Percention"/	Dr. Jenia Jitsev "Plas- ticity and Learning in Biological Neural Circuits"			
11.08	Breakfast	Mr. Vincent Adam "Processing of Pitch in the Auditory System"	Coffeebreak	Dr. Andrey Stepanyuk "Neurophysiology of the spatial representa- tion system in the me- dial temporal cortex"	Lunch	Mr. Vincent Adam 'Processing of Pitch in the Auditory System'	Dr. Andrey Stepanyuk "Neural networks models for space representation and navigation "	Free time	Dinner	Social program
10.08		Mr. Vincent Adam "Fundamentals of pitch Perception"		Ms. Susanne Kunkel "Simula- tion Technology for Large Scale Spiking Neural Networks."		Mr. Vincent Adam "Fundamentals of pitch Percention" /	Ms. Susanne Kunkel Simulation Technology for Large Scale Spiking Neural Networks			
	08:30	09:30 11:15	11:15	11:50	14:00	15:00 15:50	15:55 16:45	16:45 17:30	17:40	18:30

Social program

Tue, 4	19:30	Welcome party
Wed, 5	19:00	Ancient Kiev
The, 6	19:00	Table games evening
Fri, 7	18:00	Project fair and poster session
Sat, 8	09:40	Pecherskaya Lavra visiting
Sun, 9	18:40	Master class evening
Mon, 10	18:40	Kapoeira master class
Tue, 11	18:40	Kiev city-tour
Wed, 12	18:40	Music-evening
Thu, 13	All day	Fun sport-day
Fri, 14	All day	Photo quest
Sat, 15	19:00	Actor masterclass, theatre performance
Sun, 16	19:00	Cinema club
Mon, 17	Free eve	ening
Tue, 18	Closing	ceremony





ACS coordinator Maksym Khamrovskyi +38 050 668 58 53



CNS coordinator Tetiana Klymenko +38 050 775 95 39



SC coordinator Oksana Naumenko +38 093 697 92 93



3D coordinator Illa Luzan +38 066 080 43 07 +38 093 647 38 96

Partners



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NOTEBOOK

SUMMER SCHOOL

Achievements and applications of contemporary informatics, mathematics and physics



2015

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General rules for participants

Student identification, registration, and contact information

As a part of registration, an applicant is required to provide his/her full legal name (exactly as given in his/her passport or other government-issued photo ID), gender, date of birth, e-mail address and current functioning postal mailing address, because all the crucial Summer School announcements (e.g., the one about class cancellation) and registration information (e.g., registration confirmation, notice of admission) are sent via e-mail.

Rules for participants:

It is forbidden to drink alcohol and smoke inside the dormitory, on the territory of the KPI campus and in the public places, as well as attending the lectures under the influence of alcohol, drugs or other intoxicants.

The Summer School does not hold responsibility for the actions of the participants or for any loss of expensive things, documents or unpredicted expenses incurred during the Summer School.

All damage made by participant to the Summer School and NTUU "KPI" property and facilities must be compensated at participant's own expense.

Due to security reasons in the studying area and while being in the public places, students have to wear a badge. It is required for the access to classes, social events and place of residence.

If student has a excuse for skipping the class, it is desirable to inform the Organizing committee and notify the reason in order not to be considered as an absentee. Attendance of social events is desirable but not compulsory.

The accommodation offered by the NTUU KPI implies compliance with the rules of the campus.

In case of misconduct participant may face the following consequences: warning, departure from the dormitory, exclusion from the Summer School program, written notification to the home university or/and to the scholarship support organization.

