

The USERN Congress 2017
USERN Prize Awarding Festival

November 8th-10th, 2017

Day 1: Wednesday, November 08, 2017	
7:30 – 9:00	Registration Premier Palace Hotel Kharkiv (<i>Ballroom Hall, 2 Nezalezhnosti Av.</i>)
9:00 – 10:00	Opening Session With the participation of Yuliya Svitlychna, the Governor of Kharkiv Oblast Nima Rezaei, the President of USERN Ludmila Belova, the Head of Kharkiv University Consortium Vil Bakirov, the Rector of V.N. Karazin Kharkiv National University Volodymyr Lisovyi, the Rector of Kharkiv National Medical University Yevgen Sokol, the Rector of National Technical University “Kharkiv Polytechnic Institute” Alla Kotvitska, Acting Rector of National University of Pharmacy
10:00 – 10:30	<i>Evolution and changes in ecosystems</i> Daniel Pauly, Canada
10:30 – 11:00	<i>The global food value chain – Systemic strategies for food authentication</i> Markus Fischer; Germany
11:00 – 11:30	<i>Evolution of genes that make us human</i> Evan Eichler, USA
11:30 – 12:00	<i>Evolution in diagnosis of immunological disorders</i> Nima Rezaei, Iran
12:00 – 12:30	<i>Almagest to day</i> Massimo Capaccioli, Italy
12:30 – 14:00	Lunch
14:00 – 14:30	<i>A new generation of sustainable carbon electrocatalysts for renewable energy technologies</i> Maria Magdalena Titirici, UK
14:30 – 15:00	<i>Brain network dynamics and flexible cognition and behavior</i> Lucina Qazi Uddin, USA
15:00-15:30	<i>The undeniable impact of complex system science on human lives</i> Matjaž Perc, Slovenia
16:00-16:30	<i>Nano-material preparation and their application in the modern world</i> Valentina Cauda, Italy
17:00 – 18:30	International Festival of Paintings for Pediatric Patients (<i>Ballroom Hall</i>)
18:30 – 21:00	Gala Dinner (<i>Ballroom Hall</i>)

Day 2: Thursday, November 09, 2017 (parallel in 4 Universities)	
	1- Karazin Kharkiv National University (4 Maydan Svobody, Assembly Hall)
10:00 – 10:30	<i>Are we alone?</i> Massimo Capaccioli, Italy
10:30 – 11:00	<i>Artificial intelligence for life: Fuzzy theoretic machine intelligence</i> Mohit Kumar, Germany
11:00 – 13:00	USERN Junior Talks + Poster Session
11:00 – 11:15	<i>420 million star position and absolute proper motion</i> Volodymyr Akhmetov
11:15 – 11:30	<i>Asteroids groups and families: understanding their origin through analysis of their optical properties</i> Ivan Slyusarev
11:30 – 11:45	<i>Physical Basis of the Nuclear Burning Wave Reactor</i> Maxym Malovytsia
11:45 – 12:00	<i>Evolution of Cancer Immunotherapy</i> Mahsa Keshavarz-Fathi
12:00 – 12:15	<i>Human or machine? Which one diagnosis?</i> Naeimeh Khoshnood
12:15 – 13:00	USERN Panel; Questions and Answers
13:00 – 14:00	Lunch
14:00 – 20:00	Social Program
	2- National Technical University “Kharkiv Polytechnic Institute” (2 Kyrpychova str. Main building, Lecture Hall No. 12)
10:00 – 10:30	<i>The human conquest of the earth and the oceans</i> Daniel Pauly, Canada
10:30 – 11:00	<i>Hydrothermal carbonisation: An aqueous approach to making carbon from biomass</i> Maria Magdalena Titirici, UK
11:00 – 12:15	USERN Junior Talks + Poster Session:
11:00 – 11:15	<i>Probabilistic modelling for reliability prediction of engineering designs</i> Larin Oleskiy
11:15 – 11:30	<i>The R-functions theory. Application to the problems of plate and shallow shell theory</i> Shmatko Tetyana
11:30 – 11:45	<i>Hybrid Solar Generating Module</i> Kirichenko Mykhailo
11:45 – 12:00	<i>Modern nano-bio technologies for production of biodiesel</i> Saboura Ashkevarian
12:00 – 12:15	<i>Developments of nanoparticles in magnetic resonance imaging</i> Mohammad Tavakkoli
12:15 – 13:00	USERN Panel; Questions and Answers
13:00 – 14:00	Lunch

14:00 – 20:00	Social Program
	3- National University of Pharmacy (4 Valentynivska str., Lecture Hall No. 14)
10:00 – 10:30	<i>The evolution of vitamin B2 biosynthesis</i> Markus Fischer; Germany
10:30 – 11:00	<i>The most recent evolution in theranostic utilization of nano-materials against cancer</i> Valentina Cauda, Italy
11:00 – 12:50	USERN Junior Talks + Poster Session:
11:00 – 11:20	<i>Molecular mechanisms of appetite regulatio</i> Andriy Zagayko
11:20 – 11:40	<i>Population, Behavior and Molecular Genetics Study in Ukrainian Megapolocies</i> Olga Filiptsova
11:40 – 11:50	<i>Search for new anticonvulsant medicines of herbal origin</i> Tsyvunin Vadim
11:50 – 12:00	<i>Studies of analeptic internals of the sulfur and nitrogen containing derivates</i> Kabachna Iryna
12:00 – 12:10	<i>State and perspectives for the aromatize inhibitors use in the metabolic syndrome therapy</i> Fotesko Kirill
12:10 – 12:20	<i>Changes in extracellular lipid metabolism parameters under experimental metabolic syndrome</i> Dorovskyi Dmytro
12:20 – 12:30	<i>Preclinical studies: victims of the evidence-based medicine?</i> Roodabeh Bahramsoltani
12:30 – 12:40	<i>A moral dilemma in preclinical studies: Is there a third way?</i> Elnaz Rezaei Amiri
12:40 – 12:50	<i>Study of effectiveness of the gauze impregnated with fibrinogen compared to the simple gauze packing in four-degree liver laceration bleeding due to penetratingtrauma in rats</i> Golnoush Sadat Mahmoudi Nezhad
12:50 – 13:30	USERN Panel; Questions and Answers
13:30 – 14:30	Lunch
14:30 – 20:00	Social Program
	4- Kharkiv National Medical University (Location 1) (4 Nauky Ave., Lecture Hall No. 1)
9:00 – 9:30	Opening Session
9:30 – 10:00	<i>Evolving concepts regarding the genetic basis of neurodevelopmental delay</i> Evan Eichler, USA
10:00 – 10:30	<i>Towards brain-based biomarkers of autism</i> Lucina Qazi Uddin, USA
10:30 – 11:00	<i>Functional significance of mtDNA mutations of compex I in cancer</i>

	Giovanni Romeo, Italy
11:00 – 11:30	Coffee break
11:30 – 12:15	USERN Junior Talks + Poster Session:
11:30 – 11:45	<i>Immunotherapy as the evolution of tuberculosis treatment</i> Dmytro Butov
11:45 – 12:00	<i>Evolution of dental sciences in oral pathology treatment and diagnosis</i> Liudmyla Kryvenko
12:00 – 12:15	<i>Internet addiction of adolescents in Tehran</i> Gilda Rajabi Damavandi
12:15 – 13:00	USERN Panel; Questions and Answers
13:00 – 14:00	Lunch
14:00 – 20:00	Social Program
	Kharkiv National Medical University (Location 2) (4 Nauky Ave., Lecture Hall No. 2)
9:00 – 9:30	Opening Session
9:30 – 10:00	<i>Nanomedicines that will revolutionize the healthcare</i> (Virtual Talk) Helder Almeida Santos, Finland
10:00 – 10:30	<i>The game theory evolution: What would be next to make it truly useful for us?</i> Matjaž Perc, Slovenia
10:30 – 10:45	<i>Pain Medicine as a Lighthouse in Innovative Medicine-The Evolution from merely symptom-control to a comprehensive integrative approach</i> Michael Schenk, Germany
10:45 – 11:00	<i>Evolution in hospital: from surgery to soulgery. How literature can help patients and hospital workers</i> Livia Santini, Italy
11:00 – 12:00	Coffee break
12:00 – 12:30	USERN Junior Talks+ Poster Session:
12:00 – 12:15	<i>Pathology of the urinary system in children in Ukraine: past, present and future</i> Mykhailo Myroshnychenko
12:15 – 12:30	<i>Usability of smartphone for adult users: a systematic review</i> Zahra Vahedi
12:30 – 13:00	USERN Panel; Questions and Answers
13:00 – 14:00	Lunch
14:00 – 15:30	<i>How to publish academic books with international publishers?</i> Nima Rezaei, Iran
14:00 – 20:00	Social Program
Day 3: Friday, November 10, 2017	
Karazin Kharkiv National University (6 Maydan Svobody, North Building, Assembly Hall)	
8:30 – 9:30	USERN Breakfast Meeting

9:30 – 9:40	Karazin Kharkiv National University Rector Speech	ART PERFORMANCE
9:40 – 9:50	Kharkiv National Medical University Rector Speech	
9:50 – 10:00	National Technical University “Kharkiv Polytechnic Institute” Rector Speech	
10:00 – 10:10	National University of Pharmacy Rector Speech	
10:10 – 10:40	USERN President Speech	
10:40 – 11:30	USERN Prize Awarding Ceremony	
11:30 – 11:45	Introduction of the Host of USERN 2018	
11:45 – 12:45	Official Lunch	

For more information regarding the congress, please visit the congress website: <https://congress.usern.org/>