

Program of the School for Young Scientists
"System Analysis and Seismic Hazard Assessment"

<i>Date</i>	<i>Time</i>	<i>Activity</i>	<i>Location</i>
11.07.2016, Monday		Arrival of lecturers and participants	
12.07.2016, Tuesday	9:00 -9:50	Registration	Educational Building (Hall)
	9:15 -9:30	Press-meeting with Program Committee Co-chairs	Educational Building (Multimedia Lecture Room)
	10:00 -10:15	Opening ceremony	Educational Building (Multimedia Lecture Room)
	10:15 - 11:00	Lecture. Mioara Mandea « The Earth magnetic field complexity straightened out by Swarm mission . Part 1»	Educational Building (Multimedia Lecture Room)
	11:05 - 11:50	Lecture. Mioara Mandea « The Earth magnetic field complexity straightened out by Swarm mission . Part 2»	Educational Building (Multimedia Lecture Room)
	11:50 - 12:15	Перерыв (кофе-брейк)	Educational Building (Hall)
	12:15 - 13:00	Lecture. Clement Narteau «Statistical seismology and the state of stress of the brittle crust»	Educational Building (Multimedia Lecture Room)
	13:05 - 13:50	Lecture. Alexander Gorshkov «Concepts of morphostructural zoning of active territories»	Educational Building (Multimedia Lecture Room)
	13:50 - 15:00	Lunch	Educational Building (Dining hall)
	15:00 - 15:45	Lecture. Alexander Soloviev «Recognition of strong earthquake prone areas»	Educational Building (Multimedia Lecture Room)
	15:50 - 16:35	Lecture. Sergey Agayan «Discrete mathematical analysis and geology-geophysical applications»	Educational Building (Multimedia Lecture Room)
	18:30 - 21:00	Sightseeing Tour	
13.07.2016, Wednesday	10:00 - 10:45	Lecture. Boris Dzeboev «FCAZ-method in the problem of strong earthquake prone areas recognition»	Educational Building (Multimedia Lecture Room)
	10:50 - 11:35	Lecture. Alexey Gvishiani «Artificial intelligence approaches in recognition of earthquake-prone areas»	Educational Building (Multimedia Lecture Room)
	11:35 - 12:00	Coffee break	Educational Building (Hall)
	12:00 - 12:45	Lecture. Alexey Zavyalov « From the kinetic theory of strength and fracture concentration criterion to the seismogenic fracture density and forecasting of natural and natural-technogenic disasters »	Educational Building (Multimedia Lecture Room)
	12:50 - 13:50	Lecture. Matthais Holschneider «Resolution limits of the maximum magnitude of earthquakes»	Educational Building (Multimedia Lecture Room)

<i>Date</i>	<i>Time</i>	<i>Activity</i>	<i>Location</i>
	13:50 - 15:00	Lunch	Educational Building (Dining hall)
	15:00 - 15:45	Lecture. Anatoly Soloviev « Lithosphere magnetic field and its application to object parameterization in recognition of earthquake-prone areas »	Educational Building (Multimedia Lecture Room)
	15:50 - 16:35	Lecture. Vladimir Kossobokov « Predicting predictable about seismic extremes »	Educational Building (Multimedia Lecture Room)
	16:35 - 17:00	Coffee break	Educational Building (Hall)
	17:00 - 17:45	Scientific conversations between participants and lecturers	Educational Building (Multimedia Room)
	17:50 - 18:35	Scientific conversations between participants and lecturers	Educational Building (Multimedia Room)
14.07.2016, Thursday	10:00 - 10:45	Lecture. Alik Ismail-Zadeh « Earthquakes and disasters: From hazard assessment to co-designed & co-productive research and implementation »	Educational Building (Multimedia Lecture Room)
	10:50 - 11:35	Lecture. Fabio Romanelli « Scenario based seismic hazard assessment . Part 1»	Educational Building (Multimedia Lecture Room)
	11:35 - 12:00	Coffee break	Educational Building (Hall)
	12:00 - 12:45	Lecture. Fabio Romanelli « Scenario based seismic hazard assessment . Part 2»	Educational Building (Multimedia Lecture Room)
	12:50 - 13:50	Lecture. Matthais Holschneider «Bayesian analysis of earthquake data»	Educational Building (Multimedia Lecture Room)
	13:50 - 15:00	Lunch	Educational Building (Dining hall)
	15:00 - 15:45	Lecture. Antonella Peresan « Prospective testing of ground shaking scenarios in Italy »	Educational Building (Multimedia Lecture Room)
	15:50 - 16:35	Lecture. Peter Shebalin «Quantitative consideration of earthquake precursors for probabilistic dynamical Seismic Hazard Assessment»	Educational Building (Multimedia Lecture Room)
	16:40 - 17:00	Lecture. Heide Hackmann «International Council for Science (ICSU) research programs»	Educational Building (Multimedia Lecture Room)
	17:05 - 17:45	Lecture. Geoffrey Boulton «Open data and the future of science»	Educational Building (Multimedia Lecture Room)
	17:50 - 18:35	Lecture. Alena Rybkina « Systems analysis in solution of geological tasks: cyclostratigraphy method »	Educational Building (Multimedia Lecture Room)
15.07.2016, Friday	10:00 - 10:45	Lecture. Peter Shebalin «The problem of seismic hazard assessment from the aftershocks of large earthquakes»	Educational Building (Multimedia Lecture Room)
	10:50 - 11:35	Lecture. Antonella Peresan « Assessing performances of seismic hazard maps: issues and perspectives »	Educational Building (Multimedia Lecture Room)
	11:35 - 12:00	Coffee break	Educational Building (Hall)

<i>Date</i>	<i>Time</i>	<i>Activity</i>	<i>Location</i>
	12:00 - 12:45	Lecture. Antonella Peresan « Characterizing earthquake clustering and precursory patterns in North-Eastern Italy »	Educational Building (Multimedia Lecture Room)
	12:50 - 13:35	Lecture. Vladimir Kossobokov « State-of the art approaches to seismic hazard assessment »	Educational Building (Multimedia Lecture Room)
	13:35 - 15:00	Lunch	Educational Building (Dining hall)
	15:00 - 15:45	Lecture. Alexey Zavyalov « Algorithm MEE (Map of Expected Earthquakes): Summary of the 30-years test and recent results »	Educational Building (Multimedia Lecture Room)
	15:50 - 16:35	Lecture. Alexander Soloviev «Numerical simulation of block structure dynamics and seismicity»	Educational Building (Multimedia Lecture Room)
	16:40 - 17:00	Closing ceremony. Presentation of certificates to participants	Educational Building (Multimedia Room)
	18:00 - 21:00	Discussion business dinner	The "Legend" ship (landing on the dock "Vorobiev Gory" at 17:30)
16.07.2016, Saturday		Departure of lecturers and participants	

School Venue: Lomonosov Moscow State University, 2nd Educational Building, Leninskie Gory, 1-52, Moscow 119991, Russian Federation.