

GEOCA 2015 CONFERENCE SCHEDULE

Wednesday, November 11th, 2015 r.							
Institute of Earth Sciences of Saint Petersburg State University, V.O., 10th Line, 33-35							
09:00-09:40	Registration of participants						
09:40-10:00	Opening Ceremony						
10:00-12:00	Plenary Session: «Science, education and production: development problems»						
12:00-12:20	Coffee Break						
Work of Sections							
Time	Geodesy	Time	Cartography	Time	Geoinformatics	Time	Cadastre
12:20-14:00	Section 1	12:20-14:00	Section 1	12:20-14:00	Section 1	12:20-14:00	Section 1
12:20-14:00	Section 2						
14:00-14:45 Break							
14:45-15:45	Workshop 1	14:45-15:45	Section 1	14:45-15:45	Section 1	14:45-15:25	Section 1
15:45-16:00	Coffee Break	15:45-16:00	Coffee Break	15:45-16:25	Section 2		
16:00-17:00	Workshop 2	16:00-17:00	Workshop 1	16:25-16:40	Coffee Break		
17:00-18:00	Workshop 3	17:00-18:00	Workshop 2	16:40-17:00	Section 2		
				17:00-18:00	Workshop 1		
Thursday, November 12th, 2015 r.							
Institute of Earth Sciences of Saint Petersburg State University, V.O., 10th Line, 33-35							
		Time	Cartography	Time	Geoinformatics	Time	Cadastre
		10:00-12:00	Section 2	10:00-11:40	Section 3	10:00-11:40	Section 2
		12:00-12:20	Coffee Break	11:40-12:00	Coffee Break	11:40-11:55	Coffee Break
		12:20-14:00	Section 2	12:00-14:00	Section 3	12:00-13:00	Section 2
14:00-14:45 Break							
		14:45-15:45	Section 3	14:45-15:45	Section 3		
				15:45-17:10	Workshop 2		
National Mineral Resources University, V.O., 21th line, 2							
10:00-11:00	Seminar dedicated to the 100th anniversary of the birth of Dr. Sci. Tech., Professor V.G. Zdanovich's						
Work of Sections Geodesy							
11:00-12:00	Section 1	11:00-12:00	Section 2	13:00-14:00	Section 3		
12:00-12:20	Coffee Break	12:00-12:20	Coffee Break				
12:20-13:00	Section 1	12:20-14:00	Section 2				
14:00-14:40 Break							
		14:40-15:20	Section 2	14:40-16:20	Section 3		
15:20-16:20	Workshop 4						
16:20-17:20	Excursion to the National Mineral Resources University						
17:30	Banquet (entrance by invitation)						
Friday, November 13th 2015 r.							
Institute of Earth Sciences of Saint Petersburg State University, V.O., 10th Line, 33-35							
Time	Geodesy	Time	Cartography	Time	Geoinformatics		
09:40-10:40	Section 2	11:00-12:00	Workshop 3	11:00-12:00	Section 3		
10:00-10:40	Section 3	12:00-13:00	Workshop 4	12:00-13:00	Workshop 3		
10:40-11:40	Workshop 5						
11:40-12:00	Coffee Break						
12:00-13:00	Workshop 6						
13:15-13:45	Summary of the conference						
15:00	Excursion to the Cartographical Department of The National Library of Russia						

SUBJECT OF THE CONFERENCE

GEODESY

Section 1. Remote geodetic methods: aerial photography and scanning; remote sensing; ground-based mobile scanning;

Section 2. Hardware and methods for geodetic measurements processing: geodetic instruments, GNSS, mathematical processing of geodetic measurements, software;

Section 3. Applied geodesy, engineering and mining surveying; deformation monitoring; industrial geodesy.

Workshop 1. Mobile laser scanning system IP-S3 (TOPCON corp). Main features and experience of application on real objects. (ZAO «Geostroyizskaniya», Moscow);

Workshop 2. Software for joint data processing of laser scanning and photogrammetric survey – «ScanIMAGER» («Photogrammetria» Ltd, Saint-Petersburg);

Workshop 3. Modern photogrammetric software «Agisoft PhotoScan Pro»: field of application («GeoScan», Saint-Petersburg);

Workshop 4. Demonstration of cartography and geodetic software «Terra» (PK «Geo», Kaluga);

Workshop 5. Location survey with use of «GIBRID» technology, (ZAO «Geodezicheskie Pribori», Saint-Petersburg);

Workshop 6. Automated measuring control of goods in industrial production, («Industrial Geodesy», Saint-Petersburg);

CARTOGRAPHY

Section 1. The development of modern cartography theory. Advanced methods and technology of cartography;

Section 2. Mapping in the interests of sectoral and regional development;

Section 3. Historical and cartographic researches, cartographic heritage objects.

Workshop 1. Remote sensing application in thematic mapping (Saint-Petersburg State University, JSC «ECOPROJECT»);

Workshop 2. The world collection of digital maps (Jeppesen Marine);

Workshop 3. Modern methods of handling with antique maps, Saint-Petersburg State University, The National Library of Russia.

Workshop 4. Mapping of historical and cultural heritage (Saint-Petersburg State University);

GEOINFORMATICS

Section 1. Open source GIS software;

Section 2. GIS and Web;

Section 3. Multidisciplinary studies with application of GIS.

Workshop 1. Extensions development for desktop GIS on QuantumGIS example (Saint-Petersburg State University);

Workshop 2. Implementation of interdisciplinary projects based on the open GIS platform (St.Petersburg institute for informatics and automation of the Russian academy of sciences);

Workshop 3. Satellite radar data processing in the new version of SARscape 5.2 software («SOVZOND», Moscow).

CADASTRE

Section 1. Actual problems of cadaster: professional training and practice;

Section 2. Modern problems of land use.