DECEMBER,

New Space: Prospects or provocation?

Timing		Speaker	Subject
10.00		Vasiliy Barashkov Shareholder "SCANEX" Group, Russia	Conference opening
10.15		Mikhail Khaylov Deputy CEO Russian State Corporation for Space Activities ("ROSCOSMOS"), Russia	Welcome speech
10.30	7	Andrey Shumakov Global Markets Director SCANEX Group, Russia	The market chooses a web-service
10.40		Rob Postma <i>Head of Sales EMEA-LA</i> Airbus DS, France	Airbus Constellation: Fresh Produce for all (TBD)
10.50		Maher Khoury Senior Sales Director DigitalGlobe, USA	DigitalGlobe as a leading supplier of highly detailed imaging, data and analytics
11.00		Fabrizio Pirondini <i>CEO</i> UrtheCast, Canada	Unique ERS opportunities offered by UrtheCast: present and future
11.10		Andrey Strelkov Geoinformation Services, Head Yandex Open JSC, Russia	Yandex.Maps: People's cartography in largescale geo-servises
11.20		Aleksey Belyakov Vice-president Skolkovo Innovation Center, Russia	Earth Remote Sensing sector: development and future trends
11.30-12.00 Coffee break			

"Remote" economy

Timing		Speaker	Subject	
12.00		Valeriy Zaichko Division of Automated Satellite-Based Facilities and Systems, Head Russian State Corporation for Space Activities ("ROSCOSMOS"), Russia	Development of the Russian EO Systems in accordance wirh the Federal Space Program through 2025	
12.15		Mikhail Bolsunovskiy Deputy CEO Sovzond Open JSC, Russia	From geodata to geoservices, from thematic decryption and mapping to geoanalytics and industrial geography	
12.30	E	Korney Bizhdov President National Association of Agriculture Insurers, Russia	Satellite-based monitoring in agricultural crops insurance: practical application	
12.40		Simon Chesworth Sales director EMEA exactEarth Europe Ltd, Canada	Satellite AIS: From Big Ocean Data to Information and Knowledge	
12.50	9	Evgeny Nesterov Deputy of Director, Strategic Development and Innovation Russian Space Systems	On the way to a turnkey solutions: realities and prospects of remote sensing data market in Russia	
13.00		Nikolay Sevostyanov <i>General Constructor, founder</i> Gazprom Space Systems, Russia	Status and Prospects of Aerospace Technology applications in Gazprom	
13.10	6	David Belton Vice President, Geospatial Services MDA, Canada	Mission Enhancements to Improve User Capabilities	
13.20	6	Veronika Gells Russian Federation Ministry of Foreign Affairs, Diplomatic Academy, Russia	Legal problems of private investment in the space sector	
	13.30-14.30 Dinner			



Timing	Speaker	Subject
14.30	Didier Blet Maritime Solution Manager Airbus DS, France	Satellite based maritime surveillance solutions
14.45	Sergey Brestkin "SEVER" Center of Ice and Hydrometeorological Information, Head Arctic and Antarctic State Research Institute, Russia	ERS information to facilitate transit sailing through the Northern Sea Route in critically late seasons
15.00	Sergey Stanichniy Remote Sensing Department, Head Russian Academy of Sciences, Marine Hydrophysical Institute, Russia	Landsat data to identify churning parameters and oil slicks (collectively: A.A. Kubryakov, V.N. Koudryavtsev)
15.15	Boris Golubov Chief researcher Russian Academy of Sciences, P.P. Shirshov Institute of Oceanology, Russia	Natural oil showing in the Black and the Caspian seas based on satellite radar imagery data (collectively: A.Yu. Ivanov, N.V. Yevtushenko, A.Yu. Kucheyko, N.A. Filimonova, N.V. Terleyeva)
15.30	Natalya Checkmeneva Chief environmental expert Institute of Environmental Design and Surveys, Marine Exploration Division, Russia	Radar satellite-based monitoring as a critical tool to ensure environmental safety of offshore drilling operations
15.45	Nadezda Terleeva Engineer Russian Academy of Sciences, P.P. Shirshov Institute of Oceanology, Russia	Satellite-based high-resolution imaging of Kerch Strait: key outcomes (Collectively: N.A. Filimonova, A.Ye. Ivanov, N.V. Yevtushenko)
16.30	Ivan Rybakov Researcher, cartographer "Komandorsky" State Nature Biosphere Reserve, Russia	Application of satellite monitoring data in "Komandorsky" Preserve

16.45		Viktor Akovetskiy Professor Gubkin Russian State University of Oil and Gas (National Research University), Russia	Satellite-based monitoring of oil and gas facilities: geoinformation aspects
17.00		Yevgeniy Rybkin Lead engineer Russian Space Systems JSC, Research Center for Earth Operative Monitoring, Russia	Potential application of Russian satellite-based ERS facilities in real- time environmental control
17.10		Sergey Abanin Emergency Monitoring and Forecasting, Deputy head EMERCOM of Russia, "Antistikhiya" Center	ERS data applied in emergency forecasting and monitoring
17.20	65	Natalya Rybchack Monitoring and Forecasting Centre, Head EMERCOM of Russia, Mourmansk Branch	Satellite-based monitoring in Mourmansk Region: results of long-
		Natalya Yevtushenko Operative Monitoring Department, Expert SCANEX Group, Russia	time work

Archangelsky Room

session



Timing	Speaker	Subject
14.30	Luca Perletta Technical sales specialist DigitalGlobe, USA	GBDX – geospatial surveying based on global data.
14.45	Olga Ukolova <i>CEO</i> OpenWeatherMap, Russia	To build a largescale market of smart products based on EO Data. Is it possible? Developers, technology, products
15.00	Fabrizio Pirondini CEO UrtheCast Company, Canada	UrtheCast Group: from satellite-based imaging to geoanalytics
15.15	Yulia Shmakova <i>Manager on work with partners</i> Yandex Open JSC, Russia	Yandex Transport: we make life easier for pedestrians
15.30	Azat Imangalin CEO SmartLoc, Russia	Geo-marketing systems: data and services
15.45	Arnaud Trousset CEO RILOS Open JSC, Russia	Geomatrix: retail forecasting
16.30	Alina Prigozhina Analytical Division, GIS Department, Head X5 Retail Group, Russia	Applying GIS to develop "Pyaterochka" retail chain
16.45	Pavel Kozlov Director Here Maps, Russia	HERE professional map as the basis for high-quality GIS solutions
17.00	Aleksandr Mitnick Analysis and Forecasting Department, Head 'Gazprom neft' JSC, Russia	Geoanalytics for petroleum products market: challenges and opportunities

17.10	Ekaterina Sokolova <i>Development director</i> "Marineo" Open JSC, Russia	Potential of satellite-based sensing in optimizing marine navigation (collectively: P.A. Saliuk, D.A. Akmaykin, G.V. Osipenkov)
17.20	Sergey Filippov CEO "Geocenter-Consulting" Closed JSC, Russia	Experience of creating spatial data. 20 years later

session



Timing		Speaker	Subject
14.30		Aleksandr Birin Department of Monitoring and Insurance Expert Assessment, Head "RSHB-Strakhovaniye" Insurance Closed JSC, Russia	ERS in seeds monitoring as a tool of risk assessment and control in crop insurance
14.45		Charlotte Gabriel-Robez Agriculture Marketing Manager Airbus DS, France	Agriculture: Supporting a productive and sustainable agriculture
15.00		Sergey Naumov Sales director Esri CIS, Russia	GIS as the "central nervous system" of an agricultural enterprise
15.15		Andrey Doubrovsky Agronote Development Department, Head "Agrokultura" Open JSC, Russia	"Agronomist's Diary" — a mobile cloud- based service for agrarians
15.30		Sergei Mikhailov Leading expert SCANEX Group, Russia	Evaluation of quality and condition of land through ERS: economic and agronomic aspects
15.45	9	Aleksey Tenekov CEO "Agro-Soft" Open JSC, Russia	From seed to harvest — practical application of satellite monitoring results
16.30	8	Aleksandra Kudryashova Product Integration, Head Astro Digital, USA	No data, but hang in there. Satellite- based imaging in agrimonitoring: what, what for and how much
16.45		Aleksey Petrushin Sector head Federal State Agrophysical Research Institute, Russia	Airborne drone surveying results as applied in agriculture

17.00	Olga Tutubalina <i>Lead expert</i> "Gamayun.Aero" Open JSC, Russia	Hyperspectral information services for the purposes of precision farming
17.10	Dmitriy Roukhovich Soil Informatics Laboratory, Head V.V. Dokuchaev Soil Science Institute, Russia	Measuring intensity of ploughland use
17.20	Egor Berezovsky Field Station, Head Russian State Agrarian University, Moscow Timiryazev Agricultural Academy	Practical experience of precision farming



session



Environmental monitoring. Potential of territories in figures

Timing	Speaker	Subject
14.30	Vladimir Arkhipov "LESPROYEKT" Open JSC, Russia	Technology break-through in forest inventory: stereoscopic imagery of ultra-high spatial resolution
14.45	Dmitry Baranov "SVEZA-Les" Open JSC, Russia	Informative value of available data on forest sites for investment decision-making
15.00	Aleksandr Maslov Russian Academy of Sciences, Forest Science Institute, Russia	Restoring pre-fire parameters of burnt forest areas: data from Spot and ground inventory
15.15	Marina Leybman Russian Academy of Sciences, Siberian Branch, Earth Cryosphere Institute	Studies of gas explosion funnels on Yamal peninsula involving ERS and land-based monitoring data
15.30	Damien Dhont Remote sensing specialist TOTAL, France	Remote sensing in oil and gas exploration: current status and new challenges
15.45	Borja Salva Sales director TRE Altamira, Spain	Radar interferometry technology as a tool to monitor the Earth crust shifts as applied in the mining, oil and gas and construction sectors
16.30	Ilya Rylskiy <i>Research and innovations director</i> "Sovzond" Open JSC, Russia	Airborne laser scanning: practical experience
16.45	Rouslan Kisselev Development and Sales, Head NextGIS Open JSC, Russia	Nextgis.com: practical application of an integrated GIS platform for nature use purposes

17.00		Gennadiy Poukhov <i>CEO</i> "Geonavigator" Open JSC, Russia	Practical application of GIS and ERS technologies in vertically integrated structures of Russia's forest sector (Collectively: A.G. Poukhov, V.I. Sadliy)
17.10	1	Ivan Gnevanov Head of Department "Mobile" Open JSC, Russia	Monitoring of woodland subsidence in mining allotments by tools of radar interferometry: practical experience
17.20	1	Pavel Belyaev Deputy Head of Department of the state forest inventory and accounting Roslesinforg, Russia	Using of remote sensing data for state forest inventory purposes

Geoinformational strategy for Government and Business

Timing		Speaker	Subject
10.00		Igor Kovalev Rector, Doctor of Technical Sciences, professor. M.F. Reshetnev Siberian State Aerospace University, Space Research and High Technologies Institute, Russia	Innovative and project-based approach to personnel training in Earth from Space exploration
10.15		Denis Unzhakov <i>Project head</i> Agency for Strategic Initiatives, Russia	Global mission of the National Technical Initiatives
10.30		Vyacheslav Kurochkin GIS and Navigation Unit, Head "Atrinity" Open JSC, Russia	Interactive map of Moscow parking spaces as an element of Parking Administrator Situation Center
10.50		Andrey Kudinov Satellite-Based Monitoring Division, Head Russian Emergencies Ministry (EMERCOM), National Crisis Management Centre	Real-time satellite-based emergency monitoring: current global trends
10.40	95	Xiaoyang Cheng Global Data Business Director 21 AT, China	Virtual Ground Station and Instant Service System of TripleSat Constellation
11.00		Aleksandr Zhiganov Deputy head of the department for aerospace equipment use, doctor of engineering science, associate professor Central Research Institute for Engineering	On improvement of governmental regulation of space activities results use
11.10		Andrey Dobrynin Director Geospatial Center for Economic Analysis, Moscow State University named after Lomonosov, Russia	Digital transformation of the economy: new sources of data for management decision-making
11.20		Alexey Kucheiko CEO RiskSat, Russia	Earth observation industry outlook
11.30-12.00 Coffee break			

Geomarketing, Big Data, Social Networks

Timing		Speaker	Subject		
12.00	6	Vladimir Gershenzon SCANEX founder; Skolkovo Space Cluster, expert; Agency for Strategic Initiatives, AeroNet	"Space" game		
12.15		Andrey Ionin Chief analyst GLONASS National Navigation Services Provider, Russia	What technologies put brakes on UAV transport?		
12.30		Tatyana Aniskina Commercial Sector, GIS manager Esri, Russia	The time when geodata turns into big data: how to find a needle in a haystack?		
12.40		Iskander Bariyev Vice-rector, R&D director "Innopolis" University, Russia	Creating a cloud-based 4G geoinformation platform		
12.50		Leon Rizzi Sales EMEA, Vice-president INRIX, USA	Big Data — Turning Crowd-Sourced Data and Rapid Mapping/GeoInt Solutions into Actionable Analytics for Smart Cities		
13.00		Sergey Shishkin CEO GradoService, Russia	ActiveMap GS — geomonitoring system for business and social sphere		
13.10		Denis Ukolov <i>CIO</i> OpenWeatherMap, Russia	Big data for the mass market		
13.20		Maxim Dubinin CEO NextGIS, Russia	QuickMapServices — geodata service delivery		
	13.30-14.30 Dinner				



Technologies: image acquisition, processing and delivery

Timing		Speaker	Subject
14.30		Aleksandr Kochnev GIS expert Innovation Technologies Center Open JSC, Russia	Image Media Center: Technologies of automated ERS data processing
14.45		Alexey Florov Deputy Director, Moscow regional branch Unmanned Systems, "Finko" Ltd., Russia	Unmanned aerial vehicles "Supercam" for aerial imagery (photography) and for operative video-monitoring
15.00		Wookhyun Choi Director of global market development SI Imaging Services, South Korea	Making use of satellite imagery
15.15		Rani Hellerman VP Business development & Marketing RBC Signals, USA	Communication and Ground infrastructure support for space missions
15.30	3	Dmitry Lubnin Software solutions Department, Specialist SCANEX Group, Russia	ScanEx Image Processor as a next- generation software
15.45		Aleksandra Kudrashova Product Integration, Head Astro Digital, USA	Integrating satellite data into any application in 7 minutes
16.30		Valeriy Komissarov <i>Analyst</i> Skolkovo Innovation Center, Russia	Space + Artificial intelligence: new opportunities to apply ERS data
16.45		Viktor Adrov <i>CEO</i> "Rakurs" Open JSC, Russia	3D models based on EO Data

17.00	R. C.	Denis Tyulyaev Senior programmer-mathematician Pawlin Technologies Ltd., Russia	Detection of vehicles on aerospace images for determining congestion on the highway
17.15	130	Liam E. Gumley Scientist Cooperative Institute for Meteorological Satellite Studies, Space Science and Engineering Center, University of Wisconsin-Madison, USA	Community Satellite Processing Package (CSPP): A freely available suit of software for processing real-time data from earth observing LEO and GEO satellites
17.30		Ilya Yudin Sales Manager, Russia & CIS DigitalGlobe, USA	Basemap from DigitalGlobe — online mapping solution
17.45		Andrey Pavlov Head of the Department of complex innovative solutions Research Institute of Modern Telecommunication technologies, Russia	UAVs and complex agricultural monitoring



Addressing global regional environmental challenges

Timing	Speaker	Subject
14.30	Vyacheslav Rozhnov Academician Russian Academy of Sciences, A.N. Severtsov Institute of Ecology and Evolution	Round-table discussion leader
14.35	Dmitriy Dobrynin Head of laboratory of decoding technologies and methods SCANEX Group, Russia	Round-table discussion leader
14.40	Aleksandr Salman CEO "ES-PAS" Open JSC, Russia	Satellite-based systems in remote monitoring of wild animals' migrations
14.45	Sergey Bartalev Satellite-Based Monitoring of Terrestrial Ecosystems Laboratory, Head, Doctor of Technical Sciences, professor Russian Academy of Sciences, Space Research Institute	Modern opportunities in satellite-based monitoring of forest ecosystems
14.50	Yevgeniy Lupyan Deputy director, Doctor of Technical Sciences Russian Academy of Sciences, Space Research Institute	Remote monitoring opportunities and tools to assess condition of cultivated vegetation for various environmental objectives
14.55	Natalya Lukina Director, Doctor of Biological Sciences, professor Russian Academy of Sciences, Forest Ecology and Productivity Centre	Approaches to assessment of biodiversity, ecosystem functions and forest services involving satellite-based thematic products (collectively: V.V. Yershov, Ye.A. Gavriliuk, A.V. Gornov)

15.00		Yuriy Gerasimov Laboratory of Fish Ecology, Head, Doctor of Biological Sciences, professor. Russian Academy of Sciences, I.D Papanin Institute for Biology and Inland Waters	Remote methods of fish ethology offered
15.05		Ilya Mordvintsev Remote Sensing Unit, Head, Candidate of Biological Sciences, senior researcher Russian Academy of Sciences, A.N. Severtsov Institute of Ecology and Evolution	Application of high-resolution satellite imagery (N.A. Platonov and co-authors)
15.10		Nikita Platonov Senior researcher, Candidate of Technical Sciences Russian Academy of Sciences, A.N. Severtsov Institute of Ecology and Evolution	Application of high-resolution satellite imagery (I.N. Mordvintsev and co-authors)
15.15		Robert Sandlerskiy Researcher, Candidate of Biological Sciences Russian Academy of Sciences, A.N. Severtsov Institute of Ecology and Evolution, N.V. Sukachev Biogeocenology Laboratory	Habitat mapping based on ERS and DTM data (Yu.G. Puzachenko and co-authors)
15.20	(19)	Dmitriy Ivanov Junior researcher Russian Academy of Sciences, A.N. Severtsov Institute of Ecology and Evolution	Application of remote sensing methods and GIS databases for spatial assessment of greenhouse gas and energy flows in natural ecosystems
15.25	9	Vladimir Yeslakov Associate professor, Candidate of Biological Sciences Russian Academy of Sciences, Ural Branch, Komi Science Centre, Biology Institute	Satellite-based imaging in assessing temporal variations of the Arctic vegetation





Addressing global regional environmental challenges

15.30	Anna Yachmennikova Senior researcher, Candidate of Biological Sciences. Russian Academy of Sciences, A.N. Severtsov Institute of Ecology and Evolution, Laboratory for Mammal Behavior and Behavior Ecology	Potential application of high-resolution satellite imagery data in saiga antelope (saiga tatarica) monitoring
15.35	Oksana Soukhova Researcher Perm State National Research University, Institute of Natural Science, Laboratory for the Geology of Industrial Processes, Russia	1. Snow cover as a critical factor for rare species of big vertebrates 2. Consideration of snow cover in environmental simulation
15.40	Rustam Pshegusov Candidate of biological sciences Institue of Mountain Areas Ecology of the Russian Academy of Sciences	Experience of ERS technologies use for studying of mountain forests in the Central Caucasus
15.45	Alim Pkhitikov Candidate of biological sciences Institue of Mountain Areas Ecology of the Russian Academy of Sciences	Use of remote sensing data for studying of large mammals of the mountain areas
15.50	Yevgenia Bystrova Engineer of cartography department of GIS State Autonomous Institution JSC "Administration for Information and Communication Technologies of Arkhangelsk Area"	Experience of automated classification of different-scale satellite data during drawing of vegeration maps
15.55	Dmitriy Dorofeyev Senior researcher Russian Ministry of Natural Resources and Environment, All-Russia Research Institute of Environmental Protection ("VNII Ekologuiya"), Biodiversity Center	Mapping the foraging habitats of migrating ornitofauna in Russia's Far East in order to protect the ecosystems of flight corridors

16.30	Andrey Purekhovskiy Geoinformatics Department, Head WWF Russia, Amur Branch	Mapping of forest ecosystem conditions based on remote sensing data: oversea experience
16.35	Yuriy Yuronen Deputy director, Doctor of Technical Sciences M. F. Reshetnev Siberian State Aerospace University, Space Research and High Technologies Institute, Russia	Mining and environmental monitoring of coal deposits based on ERS data: results
16.40	Anna Chekmareva Specialist of laboratory of decoding technologies and methods SCANEX Group, Russia	1. Methods of satellite data processing in creating biogeocenotic maps of the Arctic regions (co-authors: D.V. Dobrynin, A.A. Savelyev) 2: Satellite-based environmental monitoring in "cumulative damage recovery" in the Arctic (co-author: D.V. Dobrynin) 3. Designing ecotourist infrastructure in wildlife sanctuaries and nature parks of Northern European Russia: practical experience (co-author: A.A. Semikolenniy)
16.45	Boris Golubov Chief researcher Russian Academy of Sciences, P.P. Shirshov Institute of Oceanology	ERS methods as a tool to explore man- caused disturbance of lithospheric environmental functions. (in the
16.50	Andrey Ivanov Chief Researcher Russian Academy of Sciences, P.P. Shirshov Institute of Oceanology	cases of the Caspian and other seas' ecosystems)



Timing		Speaker	Subject
14.30		Ivan Bortnick Adviser to CEO Foundation for Assistance to Small Innovative Enterprises (FASIE), Russia	Global look at our planet: from technical opportunities to social targets
14.45		Vladimir Gershenzon SCANEX founder; Skolkovo Space Cluster, expert; Agency for Strategic Initiatives, AeroNet, Russia	Education & AeroSpaceNet
15.00		Feodor Shkurov Vice-rector for innovative development Moscow State University of Geodesy and Cartography, Russia	Geoinformatics as a set of tools to develop human reasoning
15.15	2	Alexey Fedoseyev Director Center of interactive educational technologies of the Moscow Polytechnic University, Russia	Continuous education in Astronautics: case studies
15.30		Marina Voronina Head of Education Projects SCANEX Group, Russia	Educational projects in SCANEX
15.45		Oksana Sukhova Researcher Perm State National Research University, Institute of Natural Science, Laboratory for the Geology of Industrial Processes, Russia	Competition in Imagery interpretation among students: practical expirience
16.30		Dmitry Ryzhikov Ist category engineer Space Information Center. Saint Petersburg State University of Aerospace Instrumentation, Russia	Organization of studies for Earth satellite sensing within the scope of schoolchildren additional education, using experience of SPSUAI

16.45	Children presentation
10.45	Students of Moscow State University Gimnazium at the Sirius educational center: GIS projects
	for forecasting and prevention of emergencies

17.00	OPEN MEETING OF THE UNIGEO CONSORTIUM
1	Sergey Dobroliubov Oceanologist, Doctor of Geographical Sciences; Russian Academy of Sciences, Corresponding member; Lomonosov Moscow State University, Faculty of Geography, Dean — Moderator
	The meeting was attended by representatives of universities - members of the consortium UNIGEO, by representatives of Roscosmos, Ministry of Education of Russia, Foundation for Assistance to Small Innovative Enterprises (FASIE), Agency for Strategic Initiatives.



Timing		Speaker	Subject
14.30		Andrey Medvedev Cartography Laboratory, Head Russian Academy of Sciences, Geography Institute	Signs of present population in depopulated rural areas based on remote sensing materials
14.45	3	Natalya Katiukha Deputy Department Head Federal Service for State Registration, Cadaster and Cartography ("Rosreyestr"), Russia	Monitoring of land condition and use: practical experience
15.00		Mikhail Zimin Department of the development of thematic projects, Head SCANEX Group, Russia	Expert solutions and services. Practical application of ERS and GIS technologies
15.15		Evgenia Bystrova Cartography and GIS Department, Engineer State Directorate for Information and Communication Technologies of Arkhangelsk Region, Russia	Creating and handling addressing plans based on satellite imagery
15.30		Sergey Serebryakov Deputy General Director of Innovative Development JSC "Roskartography", Russia	Creation of the National Atlas of the Arctic
15.45	6	Alexei Abrosimov Deputy General Director of Strategic Development, Head of Moscow regional branch Centerprogramsystem, CPS, Russia	Experience in the implementation of complex geo-analytical systems in the state and municipal administration
16.30	9	Evgeniy Torgashin Main expert Project management center, Ugra Research Institute of Information Technologies (URIIT), Russia	Topical areas of activities and development of the regional Remote sensing center

