PROGRAM

of the Fifth International Forum and Exhibition
«Unmanned multipurpose vehicle systems»-«UVS-TECH 2011»
March 1-3, 2011, Expocentre Fairgrounds, Moscow, Russia
International Conference
«Unmanned Multi-Purpose Vehicle Applications in Industry»

1 March 2011

Session ($14^{00} – 17^{30}$)

№	Time	Presentation	Speaker
1	$14^{00} – 14^{20}$	On legislation improvement with regard to UAV provisioning and flight	*A.G. Schnyrev, deputy of the Civil Aviation Division, Transport Ministry of Russia*
2	$14^{20} – 14^{40}$	UAV Operation in Aviation of Russian Internal Affairs Ministry, and Revealed Problems	*D.L.Sadovoy, unmanned aircraft usage chief engineer in the Center of Aviation of Russian Internal Affairs Ministry*
3	$14^{40}–15^{40}$	UAS: The Global Perspective	*Mr. Peter van Blyenburgh, President of International Association Of UAV Systems "UVS International"*
	$15^{40}– 16^{00}$	**Coffee-break**	
4	$16^{00}– 16^{20}$	UAV Operation by EMERCOM of Russia in context of Emergency Response	*N.N.Oltyan, deputy of Aviation Management Division of Russian Ministry of Civil Defense, Emergency Response, and Natural Disaster Effects Elimination*
5	$16^{20}– 16^{40}$	On UAV Traffic Regulation	*S.G.Pyatko, director of FGUP "GosNII Aeronavigatsia"*
6	$16^{40}–17^{00}$	Technologies of UAV Design and Application for Civil Economy Needs	*A.A.Siroezhko, UAV project manager, "Concern "Vega" JSC*
7	$17^{00}– 17^{20}$	Consideration RTCA documents for UAS	*O.I.Zavalishin, general director "NPPF "Spectr", B.V.Lebedev, division head of "Promtechaero" JSC*

2 March 2011

ROUND TABLE №1 ($10^{00} – 13^{00}$)
«UAV-related experience in industry»

Moderator:

№	Time	Presentation	Speaker
1	$10^{00} – 10^{20}$	UAV Systems for Industrial Monitoring	***A.V.Koldaev,*** *committee of directors member of UVS International, «Concern «Irkut» JSC*
2	$10^{20} – 10^{40}$	Multi-Purpose UAV for Monitoring of Gas-Main Pipeline. Experience and Technology	***A.V.Lazutin****, director of integration and implementation aerospace monitoring department, aerospace monitoring center of "Gazprom Space Systems" JSC*
3	$10^{40} – 11^{00}$	Multi-Purpose UAV for Monitoring of Gas-Main Pipeline. Experience and Economics	***V.A.Kuznetsov****, department chief of integration and implementation aerospace monitoring department, aerospace monitoring center of "Gazprom Space Systems" JSC*
4	$11^{00} – 11^{20}$	UAV Practices at various organizations in Russia	***A.V.Zakharov****, general director «ZALA AERO» LLC*
	$11^{20} – 11^{40}$	**Coffee-break**	
5	$11^{40} – 12^{00}$	Implementation and Integration of Regulations, as Gateway to Safety for Operation of UAV	***V.M.Schibaev****, Expertise and Certification of Education and Training Means for Aviation (TSESAT) FGUP "TSAGI", director of TSESAT, RAeS member* ***V.M.Bunya****, division head of TSESAT FGUP "TSAGI"*
6	$12^{00} – 12^{20}$	Practical Setup of UAV Demo Flights, during International Airspace Exhibitions in Zhukovsky	***N.N.Shmatov****, deputy Flight Test Centre FGUP "Flight Research Institute after M.M.Gromov"*
7	$12^{20} - 12^{40}$	Air-navigation Provisioning for UAVs in Oil-ground Areas	***V.V.Voronov****, deputy of "NefteGazAeroKosmos" CJSC*
8	$12^{40} - 13^{00}$	ICAO Group activity on UAV	***E.G.Gromova****, laboratory lead of FGUP "GosNII AC"*

ROUND TABLE №2 ($14^{00} – 18^{00}$)
«UAV Technological Considerations»

Moderator:

№	Time	Presentation	Speaker
1	$14^{00} – 14^{20}$	Firmware for UAV-s in Inter-connected Airspace, in Accordance with the New Federal Regulations on Airspace Use in Russia	***V.V.Solomentsev****, chief of Center "Promtechaero" JSC, PVO Concern "Almaz-Antey*

№	Time	Presentation	Speaker
2	$14^{20} - 14^{40}$	UAV Basic Solutions relying on SNS GLONASS	*A.A.Voskoboinikov, deputy of «KB «NAVIS» JSC*
3	$14^{40} - 15^{00}$	Radio-exchange systems for UAV	*M.F.Shebakpolsky, general director JSC "KB Louch"*
4	$15^{00} - 15^{20}$	On UAV and facilities Insurance (TBD)	*A.O.Moullabekov, chief of air insurance department «Insurance Broker «Malakut» CJSC*
5	$15^{20} - 15^{40}$	Automated Autopilot & Geopointing Payload "AETOS"	*Vassilis Foteinopoulos, Aerofilms Ltd.*
6	$15^{40} - 16^{00}$	Novel aerial ad-hoc mesh network for swarm of UAVs	*Prof. G.Kolev, Prof. G.Markarian* *RNC Avionics Ltd.*
	$16^{00} - 16^{20}$	**Coffee-break**	
7	$16^{20} - 16^{40}$	Instrumentation of UAV	*M.V.Zharkov, lead engineer of "Tranzas Telematika» LLC*
8	$16^{40} - 17^{00}$	Microsystem verticals for UAV	*V.Y.Raspopov, department lead "Pribory Upravlenia" of Tula State University*
9	$17^{00} - 17^{20}$	Autonomous Landing System for UAV	*V.V.Scherbinin, head of FGUP Center "TSNIIGA"*
10	$17^{20} - 17^{40}$	Implementation of Automatic Dependant Surveillance Broadcast for UAV, based on 1090ES standard	*I.Y. Bazarov, lead designer «VNIIRA-Navigator» CJSC*

3 March 2011

ROUND TABLE №3 ($10^{00} - 13^{00}$)
«UAV Design and Equipment»

Moderator:

№	Time	Presentation	Speaker
1	$10^{00} - 10^{20}$	Automatic Training Systems for individual and group exercise of UAV support specialists, based on computer simulation	*K.A. Zlotnikov, lead specialist of the branch of "Concern Vega" JSC*
2	$10^{20} - 10^{40}$	Research of FGUP "TSAGI" in Area of Exhaust Driven UAV	*V.V.Mitrofanov, department chief of FGUP "TSAGI"*
3	$10^{40} - 11^{00}$	Design of mini UAV capable of long-distance and duration flights	*O.V.Kudryavtsev, senior engineer «Aerokon» CJSC*
4	$11^{00} - 11^{20}$	Automatic Control of Heavy-load unstable UAV in Landing phase (on landing strip)	*O.V.Bisenov, senior engineer «KBPA» JSC*
	$11^{20} - 11^{40}$	**Coffee-break**	
5	$11^{40} - 12^{00}$	In Air Temperature Layout Scanning	*M.I.Scherbakov, general director «ИРТИС/IRTIS» LLC*
6	$12^{00} - 12^{20}$	On Identification of Data obtained from Multi-Purpose UAV	*V.D.Utitsky, lead of laboratory FGUP "Flight Research Institute after M.M.Gromov"*

№	Time	Presentation	Speaker
7	$12^{20} - 12^{40}$	Automatic data processing on UAV operation	**A.E.Semenov**, *general director CJSC «Tranzas-Vision»,* **D.Stepanov**, *marketing director «Tranzas» CJSC*
8	$12^{40} - 13^{00}$	Electro-Optical System Experiences and Trends	**Mr. Jonas Yxfeldt**, *working for DST Control*

ROUND TABLE №4 ($14^{00} - 18^{00}$)
«Software Design for UAV Operation»

Moderator:

№	Time	Presentation	Speaker
1	$14^{00} - 14^{20}$	Advanced Information system for UAV radio-electronics protection	**Soldatov V.P., Galashin M.E.** *FSUE CNIRTI named after academician A.I. Berg*
2	$14^{20} - 14^{40}$	ARINC-653 and DO-297 standards for integrated avionics and device certifications	**A.Demianov**, *deputy of AVD Systems*
3	$14^{40} - 15^{00}$	Template-oriented tools for software development critical for certified software	**A. Shligersky**, *technical consultant Esterel Technologies*
4	$15^{00} - 15^{20}$	ADA Programming Language as Software Development tool for high reliability certified systems	**S. Rybin**, *consultant AdaCore*
5	$15^{20} - 15^{40}$	Template-oriented tools for software development airborne equipment UAV	**A.S.Scherba**, *senior engineer «Aerocon» CJSC*