

ITU/SPBPU SEMINAR FOR CIS AND EUROPE
“DEVELOPMENT OF THE MODERN RADIOCOMMUNICATION ECOSYSTEMS”
6-8 June 2018, St. Petersburg

WEDNESDAY, 6 JUNE			THURSDAY, 7 JUNE			FRIDAY, 8 JUNE			
Time	Subject	Speaker	Time	Subject	Speaker	Time	Subject	Speaker	
8.30-9.30	REGISTRATION		9.00-10.30	Session IV: Other terrestrial BROADBAND SYSTEMS	Moderator: Jose Costa (Ericsson)	9.00-11.00	Session VIII: SPECTRUM ACCESS	Moderator: Vadim Nozdrin (ITU/BR)	
9.30-10.00	OPENING SESSION	Andrei Rudskoy (Rector of Peter the Great St. Petersburg Polytechnic University, Russia)		Status and trends of broadband Public protection and Disaster Relief (PPDR) IMT backhaul including High-altitude platform station	Barat Bhatia (Motorola Solutions)		Efficient spectrum use, planning, sharing, economic methods, refarming, trading, pricing, auction	Christian Rissone (Agence nationale des fréquences, France)	
		François Rancy (Director, Radiocommunication Bureau, ITU)							Main speaker : Pietro Nava Co-speaker Leonida Macciotta (Huawei Technologies, Italy)
					Lidia Varukina (Nokia)			Pavel Mamchenkov (MEGAFON, Russia)	
10.00-10.30	Coffee		10.30-11.00	Coffee		11.00-11.30	Coffee		
10.30-12.30	Session I: MOBILE BROADBAND	Moderator: Gulnara Khasyanova (LTE Union, Russia)	11.00-12.30	Session V: AVIATION COMMUNICATIONS	Moderator: John Mettrop (Civil Aviation, UK)	11.30-13.00	CLOSING SESSION	Co-moderators: Sergei Makarov (Peter the Great St. Petersburg Polytechnic University, Russia) Leonid Konik (Comnews)	
	Mobile market, IMT for 2020 and beyond, Internet of Things (IoT), 5G mobile broadband, standard and technology development, new applications and market prospective, spectrum needs	Jose Costa (Ericsson)	Industry state and development trends, Global Aeronautical Distress & Safety System (GADSS) modernisation, e-navigation, Global Flight Tracking System, broadband-on-board, unmanned aviation and drones, technology development, spectrum needs	Claude Pichavant (Airbus)	Sessions findings, conclusions, discussions, Q&A			Session's Moderators	
		Yury Gromakov (Russian Telecom Equipment Company)							Joseph Cramer (the Boeing Company)
		Y. Borisov (Moscow Aviation Institute)							Raffi Khatcherian (Eurocontrol)
		Yulia Klebanova (Qualcomm Europe Inc)							Thomas Weber (European Communication Office)
	Andy Hudson (GSMA)								
12.30-14.00	Lunch		12.30-14.00	Lunch		13.00-14.00	Lunch		
						14.00-18.00	Social event (optional)		

WEDNESDAY, 6 JUNE			THURSDAY, 7 JUNE		
Time	Subject	Speaker	Time	Subject	Speaker
14.00-16.00	Session 2: SATELLITE COMMUNICATIONS Market and technology status and trends (all- electric satellites, high-throughput geostationary satellites, global non-GSO constellations, reusable launchers, smart phased array antennas, earth stations on mobile platforms, IOT), new applications and market niches, spectrum requirements	Moderator: Yvon Henry (WorldVu Satellites (OneWeb), LTD)	14.00-15.30	Session VI: MARITIME COMMUNICATIONS Global Maritime Distress and Safety System (GMDSS) modernisation, e-navigation, unmanned ships, COSPAS-SARSAT development, AIS and VHF Data Exchange System (VDES) evolution, technology and economic implications, spectrum needs	Moderator: Hans-Karl Von Arnim (Federal Maritime and Hydrographic Agency of Germany)
		Mario Neri (Telesat)			Francis Zachariae (International Association of Marine Aids to Navigation and Lighthouse Authorities)
		Anthony Baker (SES/O3B)			Christian Rissone (Agence nationale des fréquences, France)
		Boris Lokshin (Russian Satellite Communications Company)			Philip Lane (Comité International Radio-Maritime)
		Vladislav Shpilevoi (Iridium Communications)			
Rizat Nurshabekov (State Spectrum Service, Kazakhstan)					
16.00-16.30	Coffee		15.30-16.00	Coffee	
16.30-18.00	Session III: SATELLITE APPLICATIONS Meteorological satellites, constellations, applications, development State art and future development of (very) small satellites Global navigation satellite system, basic principles, constellations, applications	Moderator: Anton Stepanov (ROSCOSMOS)	16.00-18.00	Session VII: INTELLIGENT TRANSPORT SYSTEM (automotive and railway) ITS, basic principles and concept, traffic requirements Unmanned vehicles, e-navigation, e-safety Car-to-all, components and standards Digital railway Broadband on board Spectrum needs The World's First LTE-R for High-speed Railway in South Korea	Moderator: Thomas Weber (European Communication Office)
		Markus Dreis (EUMETSAT)			David Rothbaum (Ericsson)
		Martin Buscher (Technische Universität Berlin)			Alexander Frötscher (AustriaTech)
		Igor Geltonogov (Geyzer-Telecom, Russia)			Michael Sharpe (European Telecommunications Standards Institute)
					Teodor Buburuzan (Volkswagen AG, Germany)
	Main speaker Hong-Sun Won Co-speakers Seok-Kyou Hwang Hak-Sun Yun/ Dr (Korea Rail Network Authority (KRNA), South Korea)				
18.00-20.00	Welcome cocktail		18.00-20.00	Cultural event	