

Day	From	To	Place	Session name/ Presenting author	Title of the presentation
29.5.2018	15:30		Bratislava	<b>Shuttle bus</b>	
	16:00		Entrance Hall	<b>Registration</b>	
	19:00		Conference Hall	<b>Welcoming Icebreaker and Sponsor Meeting Session</b>	
	9:00	9:40	Conference Hall	<b>Welcome and Introductions</b> <b>chair: Jozef Vivoda and Vladimir Rak</b>	
	9:00	9:10		Norbert Kurilla (State secretary of Ministry of Environment of Slovakia)	Official opening of 19th Road Weather Conference
	9:10	9:20		Jozef Csaplár (Director of Forecast Department of SHMÚ)	Welcome speech
	9:20	9:40		1.1 Richard Habrovsky (Slovakia, SHMÚ)	Overview of the road weather forecasting activities at SHMÚ
	9:40	10:40	Conference Hall	<b>Novel Approaches in Road Weather Systems (1)</b> <b>chair: Thorsten Cypra</b>	
	9:40	10:00		2.1 Lee Chapman (UK, University of Birmingham)	Network design considerations for a new generation of high resolution road weather information systems
	10:00	10:20		2.2 Rhonda Kae Young (USA, Gonzaga University)	Wyoming connected vehicle pilot to manage road weather impacts
	10:20	10:40		2.3 Esben Almkvist (Sweden, Klimator)	RSI - a glimpse of the future for winter maintenance
	10:40	11:00		<b>Coffee Break, Companies Exhibition</b>	
	11:00	11:40	Conference Hall	<b>Novel Approaches in Road Weather Systems (2)</b> <b>chair: Thorsten Cypra</b>	
	11:00	11:20		2.4 Arto Niskanen (Finland, RoadCloud)	Fleet based road weather monitoring
	11:20	11:40		2.5 Liping Fu (Canada, University of Waterloo)	Image-based Automated Winter Road Condition Monitoring – a Deep Learning Approach
	11:40	12:20	Conference Hall	<b>Road Weather Management and Winter Maintenance</b> <b>chair: Lee Chapman</b>	
	11:40	12:00		3.1 David Konecny (Czech Republic, CROSS)	Advanced road weather and maintenance information system in the Czech Republic
	12:00	12:20		3.2 Arnaud X. Varé (Switzerland, Boschung Mecatronic)	Optimizing surface condition management
	12:20	13:50		<b>Wednesday Lunch</b>	
	13:50	15:30		<b>RWIS Sensors &amp; Equipment</b> <b>chair: Rhonda Young</b>	

30.5.2018	13:50	14:10	4.1	Horst Badelt (Germany, Federal Highway research Institute)	Test methods for sensors of road weather stations
	14:10	14:30	4.2	Tomáš Juřík (Czech Republic, MetSense)	Innovative detection of road surface conditions in two dimensions by 2DRoad
	14:30	14:50	4.3	Janne Miettinen (Finland, Finnish Meteorological Institute)	Digitalization and road weather forecasts to help decision making for road maintenance
	14:50	15:10	4.4	Jan Szczerbiński (Switzerland, Boschung Mecatronic)	Selected weather facts on the example of a fixed automated spraying system in Pilisvörösvár (Hungary)
	15:10	15:30	4.5	Daniel Johns (Finland, Vaisala)	Amount of salt versus freezing point
	15:30	15:50	<b>Coffee Break, Companies Exhibition</b>		
	15:50	17:30	Poster room	<b>Poster Session chair: Jozef Csaplár</b>	
			P.1	Erika Toivonen (Finland, Finnish Meteorological Institute)	Validation of road weather model roadsurf in fennoscandia using regional climate model data
			P.2	Zacharov Petr (Czech Republic, Czech Academy of Sciences)	ICEWARN – road weather forecasting for Prague city
			P.3	Joris Van den Bergh (Belgium, Royal Meteorological Institute Belgium)	Road weather forecasting in Belgium
		P.4	Olga Gladysheva (Russia, Voronezh State Technical University)	The winter maintenance of roads sites with snowdrift	
		P.5	Hella Riede (Germany, Deutcher Wetterdienst)	FlowKar: Using high-resolution data from vehicle sensors to improve operational weather products	
		P.6	Mark Vinogradov (Russia, Institute of Radar Meteorology)	Automatic anti-icing spraying system on the west high speed diameter in Saint-Petersburg	
		P.7	Satoshi Omiya (Japan, Civil Engineering Research Institute for Cold Region)	Proposal of a correction coefficient for the estimation of ground snowfall amounts based on x-band multiple parameter radar precipitation data	
		P.8	Pavol Nejedlík (Slovakia, University of Zilina)	Detecting the hydrometeors based on multi-frequency passive monitoring of mobile network stations signals	
		P.9	Ján Barani (Slovakia, Barani design Technologies)	Title not yet available	
		P.10	Pavel Sedlák (Czech Republic, Czech Academy of Sciences)	Influence of shading and sky-view factor on road temperature forecast	
	17:30	18:30	<b>bus transport to Modra</b>		

	18:30	21:30	Restaurant Stary Dom in Modra	<b>Conference dinner in Stary Dom Restaurant</b>		
	21:30	22:00		<b>bus transport back to Smolenice</b>		
	16:15	17:15	Library	<b>SIRWEC Executive Committee Meeting (Closed)</b>		
	9:00	10:00	Conference Hall	<b>Systems / Decision Support Systems</b> <b>chair: Alenka Šajn Slak</b>		
	9:00	9:20		5.1	Samo Carman (Slovenia, CGS Labs)	MDSS in Slovenia – experiences after 2 years of operation
	9:20	9:40		5.2	Samu Karanko (Finland, Foreca)	MDSS snow accumulation percentage based on road segment maintenance requirements
	9:40	10:00		5.3	Lauryna Šidlauskaitė (Lithuania, Vilnius university)	Thermal mapping in flat lowlands and undulating uplands – a comparison of results
	10:00	11:00	Conference Hall	<b>Advances In Road Weather Forecasting (1)</b> <b>chair: Jörgen Bogren</b>		
	10:00	10:20		6.1	Jan Sulan (Czech Republic, CHMI)	Operational experience with ICEWARN model (METRO-CZ) in comparison with other tools
	10:20	10:40		6.2	Henry Odbert (UK, Met Office)	Decision guidance with probabilistic road forecast
	10:40	11:00		<b>Coffee Break, Companies Exhibition</b>		
	11:00	12:40	Conference Hall	<b>Advances In Road Weather Forecasting (2)</b> <b>chair: Torbjörn Gustavsson</b>		
	11:00	11:20		6.3	Karl E. Schedler (Germany, KS-Consulting)	Route based road condition forecast using mobile sensors
	11:20	11:40		6.4	Teruyuki Fukuhara (Japan, Hiroshima Institute of Technology)	A route-based forecasting model of road surface friction and snow/ice conditions
	11:40	12:00		6.5	Ingeborg Smeding (Netherlands, MeteoGroup)	Use errors in observation data to discover valuable information for road forecasting
	12:00	12:20		6.6	Andre Simon (Hungary, Hungarian Meteorological Institute)	Experimental road weather forecasting in Hungary
	12:20	12:40		6.4	Virve Karsisto (Finland, Finnish Meteorological Institute)	Verification results for road surface temperature forecasts utilizing mobile observations
31.5.2018	12:40	14:10		<b>Thursday Lunch</b>		

	14:10	15:10	Conference Hall	<b>Meteorological&amp;Climatological Studies (1)</b> <b>chair: Henry Odbert</b>	
	14:10	14:30		7.1	Danny Cheresnick (USA, Global Weather Corporation) A road state climatology from the global weather corporation road weather forecasts
	14:30	14:50		7.2	Justas Kazys (Lithuania, Vilnius University) Future climate conditions for summer roads in Lithuania
	14:50	15:10		7.3	Hiroataka Takachi (Japan, Civil Engineering Research Institute for Cold Region) Relationship between the development of a snowdrift and snow transport rate on a road section with a cut on one side - observation in Teshikaga-cho during wintertime in FY2016 and FY2017
	15:10	15:30		<b>Coffee Break, Companies Exhibition</b>	
	15:30	16:30	Conference Hall	<b>Meteorological&amp;Climatological Studies (1)</b> <b>chair: Rose Webster</b>	
	15:30	15:50		7.4	Tae J. Kwon (Canada, University of Alberta) A Geostatistical Approach to Classification of Topography and Climate Zones for RWIS Network Planning
	15:50	16:10		7.5	Branislav Jaros (Slovakia, Microstep-MIS) Visibility monitoring and forecasting system for traffic safety
	16:10	16:30		7.6	Marjo Hippi (Finland, Finnish Meteorological Institute) Visibility estimation based on camera data and weather parameters
	16:30	16:45	Conference Hall	<b>Closing Session</b> <b>chair: Jozef Vivoda</b>	
	18:00 - midnight		Garden Restaurant	<b>Farewell party</b>	
1.6.2018	9:00			<b>Transport to Bratislava and leaving home</b>	