

12th EMS / 9th ECAC
10 – 14 September 2012
Łódź, Poland

Your Personal Programme
based on Presentations

Monday, 10 Sep

ASI12 Phenology and agrometeorology	ASI13 Energy Meteorology	ASI4 Small and large scale air-sea interactions...	PL1 Opening Session, 10 September 2012	UC2 Climate prediction and scenarios from seas...
			<div>09:00</div> <div>Opening by the EMS President and Welcome Addresses</div> <div>09:45</div> <div>Strategic Lecture by Filipe Lucio, Head Global Framework for Climate Services (GFCS) Office, WMO "Global Framework for Climate Services: towards improved decision-making in climate sensitive sector"</div> <div>10:15</div> <div>Coffee Break</div> <div>10:45</div> <div>Strategic Lecture by Reinhard Schulte-Braucks, Head GMES Bureau, European Commission's Enterprise and Industry DG "The European Union's activities in the area of climate change"</div> <div>11:10</div> <div>Strategic Lecture by Michael Rast, Head Science Strategy, Coordination and Planning Office, ESA "Earth Observation in Support of Climate Services"</div> <div>11:35</div> <div>Strategic Lecture by Jorg Schulz, Climate Product Expert at Meteorological Operations Division, EUMETSAT "Sustained Climate Monitoring for Climate Services: EUMETSAT's perspective"</div> <div>12:00</div> <div>Strategic Lecture by Freja Vamborg, Project Manager MiKlip project,</div>	

ASI12 Phenology and agrometeorology		ASI13 Energy Meteorology		ASI4 Small and large scale air-sea interactions...		PL1 Opening Session, 10 September 2012		UC2 Climate prediction and scenarios from seas...			
						12:25 MPI Hamburg "Decadal climate predictions for climate services" Strategic Lecture by Roberto Buizza, Head Predictability Division, ECMWF "Seasonal prediction: opportunities and challenges"					
16:00	Spatial soil temperature simulat... J. Eitzinger et al. Oral, Room A0	14:45	Can wind turbine production data... H.-T. Mengelkamp and A. Pätzold Oral, Room A1					14:00	Assessing the robustness of stat... R. Manzananas et al. Oral, Room Aula		
		15:00	In-depth characterization of the... S. Jerez et al. Oral, Room A1					14:15	Statistical downscaling of preci... g. fioravanti and f. desiato Oral, Room Aula		
		15:15	Interannual wind variation from ... G. Candlish and C. Wilson Oral, Room A1					14:30	Future Climate Simultions over t... J. Ribalaygua et al. Oral, Room Aula		
		15:30	Simulation of long-term variabil... D. Hanslian Oral, Room A1								
		15:45	A methodology for evaluating the... F. Santos-Alamillos et al. Oral, Room A1								
		16:30	Enhancing short term wind energy... J. Wilczak et al. Oral, Room A1	17:00		Space-borne estimation of the ef... M. Zampieri et al. Oral, Room A0			17:30	Changes in mean and variability ... A. Bakker et al. Oral, Room Aula	
		16:45	Use of offsite data to							18:00	Seasonal predictability

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	<div> <div> improve s... J. Parkes et al. Oral, Room A1 </div> <div> 17:15 <div> Validation of a dynamical downsc... A. Boilley et al. Oral, Room A1 </div> </div> <div> 17:45 <div> Analytical expression for the wi... J. Arnqvist and H. Bergström Oral, Room A1 </div> </div> <div> 18:15 <div> Simulating wind and turbulence p... M. Mohr et al. Oral, Room A1 </div> </div> </div>			<div> based on... E. Sanchez et al. Oral, Room Aula </div>

Tuesday, 11 Sep

ASI11 Environmental Meteorology (from local to g...		ASI13 Energy Meteorology		ASI3 Formulation, validation and parameterizati...	SE3-2/CE3 Climate services	UC5 Climate Change: Learning from the Past
08:30	Assessments of urban aerosol pol... K. Markowicz and O Zawadzka Oral, Room A3	08:45	The use of an atmospheric model ... N. Barranger and G. Kallos Oral, Room A1			
09:00	Large-Eddy Simulation of plume d... H. Nakayama et al. Oral, Room A3	09:15	Wind Gusts at Heights of Wind Tu... I. Suomi et al. Oral, Room A1			
10:15	European CO budget in relation t... A. Protonotariou et al. Oral, Room A3	09:30	The effect of including mesoscal... J.G. Pedersen et al. Oral, Room A1			
		09:45	Investigation of the impact of a... G. Steinfeld et al. Oral, Room A1			
		10:00	Large-eddy simulation of multipl... B. Witha et al. Oral, Room A1			
		11:30	Improving satellite-derived esti... Z. Qu et al. Oral, Room A1			
		11:45	Short term forecasting of solar ... E. Lorenz et al. Oral, Room A1			
		12:00	A first approach for solar irradi... J. Badosa et al. Oral, Room A1			
		12:15	A new locally-adaptive			

ASI11 Environmental Meteorology (from local to g...	ASI13 Energy Meteorology	ASI3 Formulation, validation and parameterizati...	SE3-2/CE3 Climate services	UC5 Climate Change: Learning from the Past
	<p>method to... A. Oumbe et al. Oral, Room A1</p> <p>12:30 Circumsolar Radiation - a Reason... B. Reinhardt et al. Oral, Room A1</p> <p>12:45 Optimal spatial distribution of ... F. Santos-Alamillos et al. Oral, Room A1</p>			
	<p>14:00 Turbulence data and pulse tracki... S. Bradley and A. Strehz Oral, Room A1</p> <p>14:15 Lidar Measurement Accuracy under... M. Boquet Oral, Room A1</p> <p>15:15 Weather radars for offshore wind... P. Pinson et al. Oral, Room A1</p> <p>15:30 Wind potential analysis of sea b... J. Mazon et al. Oral, Room A1</p> <p>15:45 Creating an icing climatology P. Thorsson and E. Olsson Oral, Room A1</p>		<p>14:30 Addressing stakeholder needs in ... C. Giannakopoulos et al. Oral, Room Aula</p> <p>14:45 Transfer of knowledge as a proce... C. Nilsson et al. Oral, Room Aula</p>	<p>15:00 Locust outbreaks, invasions and ... A. Kiss Oral, Room A0</p>

ASI11 Environmental Meteorology (from local to g...	ASI13 Energy Meteorology	ASI3 Formulation, validation and parameterizati...	SE3-2/CE3 Climate services	UC5 Climate Change: Learning from the Past
		16:30 Improving the representation of ... A. Schomburg et al. Oral, Room A3 17:45 Effect of soil parameter differe... H. Breuer et al. Oral, Room A3 18:00 Cloud-resolving scale: the chall... G. Fosser et al. Oral, Room A3		

Wednesday, 12 Sep

ASI8 Boundary-layer physics and parameterizatio...	ASI9 Interfacing hydrological and meteorologica...	CE1 Adaptation strategies	COM1 Communication on Climate Change	SE1 Social and economic benefits of meteorolog...	UC1 Climate change detection, assessments of t...	UC3 Global and regional reanalyses
	<p>09:00 Processing and analysing an ense... F. Imbery and S. Plagemann Oral, Room A1</p> <p>09:45 Application of a developed land ... L.-L. Wang and D.-H. Chen Oral, Room A1</p>	<p>09:30 Regional consequences of the glo... A. Spekat et al. Oral, Room A0</p>			<p>08:30 Global Extremes Analyses from ne... R.J.H. Dunn et al. Oral, Room Aula</p> <p>08:45 How does the areal averaging inf... J. Wibig et al. Oral, Room Aula</p> <p>09:15 Are European cold waves characte... B. Quesada et al. Oral, Room Aula</p> <p>10:00 Comparison of statistical and dy... A. Casanueva et al. Oral, Room Aula</p> <p>10:15 Link between trends in extremes ... S. Parey et al. Oral, Room Aula</p>	
				<p>10:30 Global Climate Change and its Im... A. Melkonyan and W. Kuttler Poster, Ground Floor, GF80</p>		

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11:45 Velocity standard deviations in ... S. Falabino et al. Oral, Room A3				11:00 The economics of climate change ... T. Schuhmacher Oral, Room Aula		12:00 Performance of new reanalysis da... M. Stoelinga Oral, Room A0
12:15 Wind velocity autocorrelation fu... L. Mortarini et al. Oral, Room A3				11:15 Analyses of unavailabilities of ... M. Nogaj et al. Oral, Room Aula		
				11:30 Appraising social-economic benef... A. Perrels et al. Oral, Room Aula		
			15:30 Welcome by R. van Dorland 15:35 Felicity Liggins, MetOffice/Hadley Centre, United Kingdom - Rapunzel scientists: communicating with climate skeptics 15:55 Bart Verheggen, Netherlands Environmental Assessment Agency (PBL) - Scientists surveyed about climate changes issues of public contention 16:15 Reija Ruuhela, Meteorological Institute, Finland -			

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			Climate Service Centre and communication in changing media environment 16:35 Rob van Dorland, Royal Netherlands Meteorological Institute, Netherlands - Dutch initiatives for climate dialogues between mainstream scientists and skeptics 16:55 Introduction Panel Discussion 17:00 17.00 - 18.00 Moderated Panel Discussion: Panellists are the speakers of the session			

Thursday, 13 Sep

ASI10/UC6 Urban Climate	ASI6 Atmospheric measurements from local to reg...	MC1 Climate monitoring, data rescue, managemen...	MC2/ASI14 Spatial climatology	NWP1 Dynamics and predictability of high impact...	NWP2 Numerical aspects and physical parameteriz...	NWP4 Probabilistic and ensemble weather forecas...
	08:30 Micrometeorological measurements... B.H. Chojnicki et al. Oral, Room A1 09:00 Update on Surface Energy Budget ... F. C. Bosveld Oral, Room A1 09:45 Flux Footprint over Idealized Ur... M.-K. Tu et al. Oral, Room A1 10:15 Improving the parameterization o... A. Sinitsyn and S.K. Gulev Oral, Room A1		08:45 Digital Climate Atlas of the Car... I. Antolovi? et al. Oral, Room Aula 09:15 Comparison of various homogeniza... P. Zahradnicek et al. Oral, Room Aula 09:30 Statistical methodology and impl... T. Szentimrey and the <u>CARPATCLIM Homogenization and Interpolation Team</u> Oral, Room Aula 10:00 Geographically Weighted Regressi... M. Szymanowski and M. Kryza Oral, Room Aula			
	11:30 The EUMETSAT Satellite Applicati... P. Viterbo and the LSA SAF Consortium Oral, Room A1 12:00 On the possibility to develop a ...		12:15 2001-11 high-resolution drought ... J. Spinoni et al. Oral, Room Aula 12:30 Application of Gridded Analysis ... M. Ziese et al. Oral, Room Aula			11:45 A probabilistic ensemble based w... I. Alberts and M. Buchhold Oral, Room A0

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	<p>J. Beaumet et al. Oral, Room A1</p> <p>12:15 Fine scale structures in rainfal... H. Russchenberg et al. Oral, Room A1</p> <p>12:45 Measurement of the Wind Vector F... K. Kufieta Oral, Room A1</p>					
<p>14:30 Orography and urban heat island ... H. Wouters et al. Oral, Room A3</p> <p>14:45 Spectral characteristics of the ... K. Fortuniak and W. Pawlak Oral, Room A3</p> <p>15:00 Evapotranspirati on characteristi... M. Siedlecki et al. Oral, Room A3</p> <p>15:15 A combined remote sensing and mo... M. Wattenbach et al. Oral, Room A3</p>				<p>14:00 The Identification and Nowcastin... D. Hudak et al. Oral, Room A0</p> <p>14:15 Applications of High-Resolution ... W. Lang Oral, Room A0</p>		

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15:30 Evolution and future projections... D. Founda et al. Oral, Room A3						
15:45 Air-Quality and Climate Interact... T. Halenka et al. Oral, Room A3						
		16:45 Automatic homogenization of larg... E. Rustemeier et al. Oral, Room Aula			16:30 Single best-guess and ensemble f... R. Buizza et al. Oral, Room A0	
		17:15 Analysing the stability of gridd... J. Trentmann et al. Oral, Room Aula			17:00 An improved adaptive radiative t... V.K.C. Venema et al. Oral, Room A0	
		17:30 Extension of the CM SAF surface ... R Posselt et al. Oral, Room Aula			18:00 Application and evaluation of th... M. Kryza et al. Oral, Room A0	
		17:45 Automated Quality Control for st... R.J.H. Dunn et al. Oral, Room Aula				
		18:15 Towards Better Quality Assurance... P. Survo et al.				

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		Oral, Room Aula				

Friday, 14 Sep

UC1 Climate change detection, assessments of t...		UC4 Synoptic climatology	
09:00	Monitoring European averaged tem... G. van der Schrier et al. Oral, Room Aula	08:30	Intercomparison of CMIP5 Climate... J. Pórtoles et al. Oral, Room A0
09:15	Changes in the distributional sh... R. Leander et al. Oral, Room Aula	08:45	Impacts of atmospheric blocking ... D. Barriopedro et al. Oral, Room A0
09:30	Climate variability and changes ... J. Jaagus Oral, Room Aula		
09:45	Seasonal moisture variability in... C. Boroneant and P. Quintana Seguí Oral, Room Aula		
10:00	Analysis of Extreme Precipitatio... R. Sasse et al. Oral, Room Aula		
10:15	Trends in central European preci... A. Mazurkiewicz et al. Oral, Room Aula		
12:00	Estimates of Construction-Relate... Y. Xu et al. Oral, Room Aula	11:30	Effects of atmospheric circulati... A. Hoy et al. Oral, Room A0
12:15	Quantifying the urbanization ind... S Koopmans et al. Oral, Room Aula	11:45	Selected extreme weather events ... Z. Ustrnul and A. Wypych Oral, Room A0
12:30	Solar activity affects frequency... R. Huth et al. Oral, Room Aula		
12:45	Winter precipitation and tempera... G. Messeri et al. Oral, Room Aula		