

			First Author	Presenting author	Lead Institution	Title		
Monday 8th June	Block 1 Chairs: Geoff Austin, Daniel Schertzer	09:00 - 09:10	Préteux	Préteux	ENPC	Welcome by the ENPC Research Director	(10 min)	
		09:10 - 09:30	ten Veldhuis	ten Veldhuis	RainGain / TU Delft	Welcome and project overview by the RainGain coordinator	(20 min)	
		09:30 - 09:45	Barbaresco	Barbaresco	Thalès	Ultra-Fast & High Resolution Rainfall measurement for Airport Runway Excursion with Solid-State Electronic Scanning Radar	Oral (15 min)	
		09:45 - 10:00	Knapp	Knapp	University of Massachusetts	Alternative Business Model Hypotheses for Widespread deployment of X Band Radars	Oral (15 min)	
		10:00 - 10:30	Russchenberg	Russchenberg	TU Delft	Radar rainfall studies: of raindrop shapes and showers	Invited (30 min)	
	Block 2 Chairs: Remko Uijlenhoet, Susana Ochoa Rodrigue	11:00 - 11:30	Willems	Willems	RainGain / KU Leuven	RainGain WP2 Overview : Fine-scale rainfall data acquisition and prediction	Invited (30 min)	
		11:30 - 12:00	Lee	Lee	Pukyong National University	Development of high resolution spatio-temporal radar data using a network of operational polarimetric X-band radars	Invited (30 min)	
		12:00 - 12:15	Antonini	Antonini	Consorzio LAMMA, Toscana	A regional X-band radar network	Oral (15 min)	
		12:15 - 12:30	Schmitt	Schmitt	Deutscher Wetterdienst (DWD)	The German Radar Precipitation Climatology and its Application Possibilities	Oral (15 min)	
	Block 3 Chairs: Dong In Lee, Katharina Lengfeld	14:00 - 14:30	Zhang	Austin	Met service Singapore / Auckland University	The impact of high resolution initialization of NWP models on their ability to make short term quantitative precipitation estimates	Invited (30 min)	
		14:30 - 14:45	Caumont	Caumont	Météo-France	Weather radar data assimilation for high-resolution quantitative precipitation forecasting at Météo-France: Status and plans	Oral (15 min)	
		14:45 - 15:00	Mosthaf	Mosthaf	Universität Stuttgart	Stochastic gridded multi-site simulation of hourly rainfall	Oral (15 min)	
		15:00 - 15:15	Akrour	Akrour	LATMOS, UVSQ	Generation of 2D rain maps with realistic properties: methodology and results.	Oral (15 min)	
		15:15 - 15:45	Lovejoy	Lovejoy	McGill University,	Space-time weather and macroweather precipitation models	Invited (30 min)	
	Block 4 Chairs: Marie-Claire ten Veldhuis, Eric Knapp	16:15 - 16:45	Maksimovic	Maksimovic	RainGain / IC London	RainGain WP3 Overview : Modelling and prediction of urban pluvial flood	Invited (30 min)	
		16:45 - 17:00	Ochoa - Rodriguez	Ochoa - Rodriguez	RainGain / IC London	Spatio-temporal rainfall input resolution requirements for urban drainage modelling: a multi-catchment investigation	Oral (15 min)	
		17:00 - 17:15	Grum	Grum	Kruger	Radars and Weather Nowcasts Adding Value to Wastewater Management	Oral (15 min)	
		17:15 - 17:30	Moreau	Moreau	Novimet	Accurate measurement of precipitation by X-band radar: Hydrological Applications in the Maritime Alps	Oral (15 min)	
		17:30 - 17:45	Li	Li	Univ Hamburg	2D hydrodynamics of Pearl River Estuary using D-Flow Flexible Mesh	Oral (15 min)	
		17:45 - 18:00	Poulard	Poulard	Irstea	From rainfall fields to flood hazard and flood risk: advantages of (semi-) continuous simulation	Oral (15 min)	
Tuesday 9th Morning	Block 5 Chairs: Johan Van Assel, Auguste Gires	09:00 - 09:30	ten Veldhuis	ten Veldhuis	RainGain / TU Delft	RainGain WP4 Overview : Implementation of rainfall data and flood modelling into urban water management	Invited (30 min)	
		09:30 - 09:45	Kramer	Kramer	Institute for Technical and Scientific Hydrology Ltd., Hanover,	Real time radar data correction for operational sewer management in the City of Hamburg	Oral (15 min)	
		09:45 - 10:00	Thorndahl	Thorndahl	Aalborg University, Denmark	Towards real-time modelling of drainage systems with radar rainfall inputs	Oral (15 min)	
		10:00 - 10:15	Sutherland - Stacey	Sutherland - Stacey	WeatherRadar.co.nz / Auckland University	High resolution radar observations from a mobile radar X-Band radar in support of urban waste water infrastructure.	Oral (15 min)	
		10:15 - 10:45	Moore	Moore	CEH, UK	Distributed flood forecasting from countrywide to urban scales	Invited (30 min)	
	Block 6 Chairs: Robert Moore, Ioulia Tchiguirinskaia	11:15 - 11:45	Overeem	Uijlenhoet	Wageningen Univ. / KNMI	Urban rainfall estimation in Rotterdam employing commercial microwave links	Invited (30 min)	
		11:45 - 12:00	Lengfeld	Lengfeld	Univ Hamburg / Centre de Recerca Aplicada en Hidrometeorologia, Spain,	Urban High-Resolution Precipitation Product for rainfall-runoff simulations: Combining C-Band and Local X-Band Radar Data	Oral (15 min)	

		12:00 - 12:15	Norman	Norman	UK Met Office	High resolution rainfall products from the UK weather radar network.	Oral (15 min)	
		12:15 - 12:45	Nakatani	Nakatani	NIED, Japan	Introduction of Tokyo Metropolitan Area Convection Study for Extreme Weather Resilient Cities (TOMACS)	Invited (30 min)	
		Posters:	First Author	Presenting	Lead Institution	Title		
		1	Akrour	Akrour	LATMOS, UVSQ	Rainfall measured from the opportunistic use of TV receivers		
		2	Brauer	Brauer	Wageningen Univ	Suitability of new rainfall measurement techniques for hydrological models: Comparing rain gauge, radar and microwave link data		
		3	Brettle	Brettel	Campbell Scientific Ltd	Operational Present Weather Sensors and Particle Size Distributions		
		4	Cristiano	Cristiano	TU Delft	Effects of different spatial-temporal high resolution rainfall data on the urban hydrological response		
		5	Fitton	Fitton	ENPC	Benefitting rainfall estimation with a multifractal approach to wind velocity		
		6	Gaitan	Gaitan	TU Delft	Mining open spatial datasets to characterize urban flooding risks		
		7	Gires	Gires	ENPC	Virtual X-band radar as a tool to quantify unmeasured small scale rainfall variability		
		8	Gires	Gires	ENPC	Scaling features of rainfall fields through 1D and 2D disdrometers measurements		
		9	Gires	Gires	RainGain / ENPC	Fractal analysis of urban catchments and their representation in semi-distributed models: imperviousness and sewer system		
		10	Hong	Hong	ENPC	Development and test of the distributed Multi-Hydro platform in a peri-urban area of Paris		
		11	Ichiba	Ichiba	ENPC / CG94	Scale dependency in urban hydrology: data analysis and multi-scale modelling		
		12	Ichiba	Ichiba	ENPC / CG94	Multifractal comparison of two radar products		
		13	Iqbal	Iqbal	Univ Exeter	Effective use of short range weather forecasting in sewer network operations		
		14	Kang	Kang	Pukyong National University	The development and maintenance of MCS by SST variation effects over the Yellow Sea, Korea		
		15	Koole	Koole	TU Delft	Sensors And Citizens Preparing urban environments for extreme weather		
		16	de Lima	de Lima	Coimbra Univ.	Empirical space-time scaling analysis of macroweather precipitation products from monthly to centennial scales		
		17	Mathlouthi	Mathlouthi	INAT (Tunisie)	Analyse statistique de la pluviométrie journalière maximale au bassin versant de l'extrême nord tunisien		
		18	Mezemate	Mezemate	ENPC	Spectral Analysis of the turbulent boundary layer (TBL) in urban lake, during extreme weather events		
		19	Muñoz- López	Muñoz- López	KU Leuven	Enhancing high-resolution storm cell tracking: a multi-threshold TITAN algorithm in synergy with optical flow technique		
		20	Murla	Murla	KU Leuven	Propagation of uncertainties in rainfall and surface model structure to urban flood simulation and forecasting results		
		21	Niemi	Niemi	Aalto University, Finland	Open-source stochastic rainfall generator for high-resolution precipitation simulation		
		22	Ochoa - Rodríguez	Ochoa - Rodríguez	Imperial College London	Surface water flood warnings in England: overview, assessment and recommendations based on survey responses and workshops		
		24	Ochoa - Rodríguez	Ochoa - Rodríguez	Imperial College London	Evaluation of the Met Office super-resolution C-band radar rainfall product over the Greater London Area		
		25	da Silva Rocha Paz	da Silva Rocha Paz	ENPC	Comparison of multifractal parameters obtained from the analysis of weather radar data in Brazil, Japan and France		
		26	Pina	Pina	Imperial College London	Semi-distributed vs. fully-distributed urban stormwater models		
		27	Raupach	Raupach	EPFL	Variability of the drop size distribution at radar pixel scale		

		28	Reinoso-Rondinel	Reinoso-Rondinel	TU Delft	Dual-Polarimetric X-Band Weather Radar: Storm Observation and Accurate Rainfall Estimation		
		29	Rios Gaona	Rios Gaona	Wageningen Univ	Sources of Uncertainty in Rainfall Maps from Cellular Communication Networks		
		30	Schertzer	Schertzer	ENPC	Multifractal radar meteorology: beyond the scalar case		
		31	Tchiguirinskaia	Ioulia	ENPC	Rainfall sensing and business opportunities with smart systems & fractal networks		
		32	van Leth	Uijlenhoet	Wageningen Univ	Wageningen Urban Rainfall Experiment 2014 (WURex14): Experimental Setup and preliminary results		
		34	Versini	Versini	ENPC	Study of green roof performances in stormwater management regarding spatial distribution of precipitation		
		35	Vicari	Vicari	ENPC	Quality and impact assessment of communication on hydrology for resilient cities		
		36	Wang	Wang	KUL, ICL	Temporal interpolation of radar rainfall images: performance assessment across spatial scales		
		37	Willems	Willems	KUL	Climate change as a driver for paradigm change in urban water management		
		38	You	You	Pukyong National University	Decadal variation in raindrop size distributions in Busan, Korea		