

Symposium on the hydrometeorological usage of data from commercial microwave link networks

Wednesday 26 June 2019

Specific research topics: Long-term and/or large-scale analysis - large seminar room (09:15-10:10)

time	[id] title	presenter
09:15	[24] Methodology improvement of microwave link derived rain rate in Sweden	VAN DE BEEK, Remco
09:35	[38] The challenge of processing one year of German-wide CML data	GRAF, Maximilian
09:55	[10] Rainfall estimation accuracy of a nation-wide instantaneously sampling commercial microwave link network: error-dependency on known characteristics	Dr. OVEREEM, Aart

Specific research topics: CML time series processing - large seminar room (10:30-11:10)

time	[id] title	presenter
10:30	[12] Comparison of the achievable accuracy of CML based rain-retrieval algorithms based on min/max measurements vs. instantaneous measurements	Dr. OSTROMETZKY, Jonatan
10:50	[39] Detecting rainfall events in CML attenuation time series using convolutional neural networks	POLZ, julius

Specific research topics: Error sources and corrections - large seminar room (11:30-12:30)

time	[id] title	presenter
11:30	[41] Electromagnetic Phenomena behind the Wet Antenna Effect	MORODER, Clemens Dr. SIART, Uwe
11:50	[34] Long-term rainfall-runoff experiment at a small urban catchment using dense CML network	Dr. BAREŠ, Vojtěch
12:10	[30] Rainfall estimation from Cellular Networks data based on local climatology.	LECHINSKY, Yury

Specific research topics: Spatial reconstruction and data fusion - large seminar room (13:50-15:50)

time	[id] title	presenter
13:50	[31] Stochastic reconstruction of precipitation fields using commercial microwave link information	Dr. HAESE, Barbara
14:10	[16] Key parameters for the tomographic reconstruction of rainfall fields	Mr. SILEO, Angelo
14:30	[25] Finding an optimal grid resolution	VAN DE BEEK, Remco
14:50	Coffee	
15:10	[46] 3-D Rain Rate Estimation from Integrated Measurements of Commercial Wireless and Satellite Links	SAGGESE, Fabio
15:30	[50] Signal Processing Approach to Spatial Reconstruction and Data Fusion	Prof. MESSER-YARON, Hagit

Specific research topics: Diversity - large seminar room (16:10-16:50)

time	[id] title	presenter
16:10	[32] Rainfall retrieval with new generation of cellular backhaul network operating at E-band	FENCL, Martin
16:30	[55] TBA	RUBIN, Yoav