

CLIMDIFF 2008

Tuesday, June 3, 2008, 2:00 p.m.

**ClimDiff Session 1: Clim 1, Measurement and Modelling of Climatic Effects
Chair, Carol Wilson**

Welcome and Introduction, C. Wilson

Clim.1.1. "Using rain microstructure information from 2-D video disdrometer for propagation predictions at 20 GHz," M. Thurai, V. N. Bringi and G. J. Huang

Clim.1.2. "Four-Year Rain Attenuation Statistics of Ku-Band Up and Down Links Simultaneously Observed in Japan and Indonesia," Y. Maekawa, Y. Shibagaki, T. Sato, M. Yamamoto, H. Hashiguchi, S. Fukao

Clim.1.3. "A Unified Method for the Prediction of Rain Attenuation in Slant Path and Terrestrial Links using the Full Rainfall Rate Distribution," L.A.R. da Silva Mello and M.S. Pontes

Clim.1.4. "Angular Dependence of Satellite Diversity Effects on the Attenuation Statistics Obtained from Ku and Ka Band Signals of the Geostationary Satellites in Japan," Y. Maekawa and T. Hatsuda

Clim.1.5. "Implementing Adaptive Transmit Power Control in Fixed Terrestrial Links: Spectrum Management and Interference Issues," S.A. Callaghan, I. Inglis and P. Hansell

Clim.1.6. "Preliminary analysis of radiowave propagation data using a gigabit radio link operating at 83.5 GHz close to Oslo in Norway," T. Tjelta and T. Breivik

Wednesday, June 4, 2008, 9:00 a.m.

**ClimDiff Session 2: Clim 2, Measurement and Synthesis of Rain Parameters
Chair, Bertram Arbesser-Rastburg**

Clim.2.1. "Micro Rain Radar Measurements of Rainfall in Madrid: First Results," P. García-Vila, A. Benarroch, P. García, J.M. Riera

Clim.2.2. "A Study on Formulating the Statistical Characteristics of the Rain Rate Duration," A. Sato

Clim.2.3. "Statistics of Rainfall Rate Dynamics," R. Hernández, A. Benarroch, P. García, J. M. Riera

Clim.2.4. "Generating year-equivalent databases of fractally synthesised rain rate fields," S.A. Callaghan

Clim.2.5. "Study of Rain Attenuation Time Series Synthesizers for Tropical and Equatorial Areas," M. Rodrigues, G. Carrie, L. Castanet, F. Lacoste, L.A.R. da Sliva Mello

Wednesday, June 4, 2008, 2 p.m.

ClimDiff Session 3: Diff 1, Effects Due to buildings and Terrain

Chair, Merhala Thurai

Diff.3.1. "An empirical study of location variability for mobile systems," R. Rudd

Diff.3.2. "Wave Propagation Over Irregular and Inhomogeneous Terrain," M.S. Assis, J.L. Cerqueira

Diff.3.3. "Anomalies in the Application of the Multiple Knife-Edge Diffraction Model," C. Wilson and S. Salamon

Diff.3.4. "Reducing Discontinuity in Practical Prediction of Diffraction Loss in Irregular Terrain," S.Salamon and C.Wilson

Close, M. Thurai