

3rd Workshop on Emergency Networks for Public Protection and Disaster Relief (EN4PPDR) - 17 October 2016

Preliminary Program

9.00 – 9:15

Welcome Address – Maurizio Casoni, Workshop Chair

9.15 – 10.30

Session 1, Chair: Martin Klapez

1) "Reliability of SATCOM Transmission for PPDR Usage", *H. Gierszal, Ł. Kiedrowski, D. Korzeniowski, K. Pluciński, Ł. Brajer, P. Tyczka, M. Tsagkaropoulos, E. Sdongos, P. Antonio, N. McCrone, J. Jackson*

2) "Emergency Ad-Hoc Networks by Using Drone Mounted Base Stations for a Disaster Scenario", *M. Deruyck, J. Wyckmans, L. Martens, W. Joseph*

3) "Bayesian Network Modeling for Public Safety Network Reliability Analysis", *S. Ktari, S. Secci, D. Lavaux*

10.30 – 11.00 Coffee Break

11.00 – 12.30

Session 2, Chair: Maurizio Casoni

4) "Rapid Mobile Development with ARC: Application Framework for Robust Communications for Disaster Risk Reduction and Management", *D. V. Torres, M. K. Villanoy, J. V. Santos, C. A. Festin, J. N. Doctor, R. Ocampo*

5) "Performance Evaluation of Backpressure Routing in Integrated Satellite-terrestrial Backhaul for PPDR Networks", *N. Patriciello, C. A. Grazia, J. Núñez-Martínez, J. Baranda, J. Manges-Bafalluy, M. Casoni*

6) "Implementation and Benchmarking of a Novel Routing Protocol for Tactical Mobile Ad-Hoc Networks", *D. B. Arbia, M. M. Alam, A. Kadri, R. Attia, E. B. Hamida*

7) "Towards Massively Multipath Transmissions for Public Safety Communications", *M. Klapez, C. A. Grazia, M. Casoni*

12.35

Closing remarks