IEEE WiMob 2016 Workshop

on Emergency Networks for Public Protection and Disaster Relief

In conjuction with IEEE WiMob 2016, New York, USA, October 17-19, 2016

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CALL FOR PAPERS

IEEE WiMob 2016 Workshop

on Emergency Networks for Public Protection and Disaster Relief
October 17, 2016

The Emergency Networks for Public Protection and Disaster Relief (EN4PPDR) Workshop aims to gather researchers and experts working in the field of public safety, emergency response, protection, relief and recovery of critical infrastructures. Disasters, natural or not, may occur on a metropolitan (e.g. building collapse, airplane crash,...) or on a large scale (e.g. earthquake, forest fire, flooding,..) and may involve critical infrastructures as well (e.g. gas pipelines, electric power systems, telecommunications networks,...).
Therefore, protection of critical infrastructures from one side and prompt emergency response from the other play a fundamental role in saving human lives, protecting properties and recovering from system failure.
The workshop very large area of interests includes, but is not limited to, wireless technologies, network architectures, transmission protocols, spectrum management, fast deployable systems, interoperability, crisis management, data fusion systems, secure communications, standardization activities, first responder equipment, network topologies and resilience.
Results from research activities, demonstrations, test-bed and prototype testing are encouraged by universities, research institutes, industries and companies.
Joint papers from different institutions are welcome.

List of Topics

- First responder equipment and sensors
- Body and Personal Area Networks
- Ad hoc and wireless mesh networks
- 4G wireless technologies (LTE, WiMax)
- 5G-based emergency networks
- SDN/NFV for PPDR systems
- Wireless LANs
- Sensor networks for environmental monitoring (WSN)
- Positioning systems (LPS, GPS,...)
- Infrastructure and Infrastructures-less architectures and protocols for prompt response
- Satellite communications for disaster events
- Satellite and terrestrial networks inter-working
- Multimedia communications
- Information systems for disaster events
- Data fusion systems and disaster management tools
- Secure communications
- Critical infrastructure resilience and survivability
- Disaster management
- Interoperability (radio spectrum, wireless technologies, network architectures)
- Inter-agency interoperability (among different public safety agencies)
- Inter-countries interoperability (among different countries agencies)
- Demonstrations, test-bed and prototype testing
- New social media and wireless technologies for crisis response and Search and Rescue (SAR) activities

AUTHOR GUIDELINES:

A full paper should not exceed eight (8) IEEE style pages including results, figures and references. For more information on the submission guidelines including page limit, font size, templates, etc, please visit the author instructions page: http://conferences.computer.org/wimob2016/guidelines.html.
Papers should be submitted in a PDF format at EDAS (not ready at the moment). The workshop seeks novel, previously unpublished papers, which are not currently under review by another conference or journal.

Full papers due	Acceptance notification	Camera ready
July 15, 2016	15 August 2016	1 September 2016

For further information: http://en4ppdr.ing.unimo.it or contact the workshop chair at maurizio.casoni@unimore.it