IEEE WiMob 2020 Workshop

on ICT Systems for Public Protection and Risk Reduction

In conjuction with WiMob 2020, Thessaloniki, Greece, EU, October 12-14, 2020

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Supported by:

CALL FOR PAPERS

IEEE WiMob 2020 Workshop

on ICT Systems for Public Protection and Risk Reduction
October 12, 2020

The ICT4PPRR workshop aims to gather researchers and experts working in the field of public safety, emergency response, protection, disaster risk reduction of natural resources, resilience and recovery of critical infrastructures. Disasters, natural or not, may occur on a metropolitan (e.g. building collapse, airplane crash, car 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, ICT systems, wireless technologies, network architectures, spectrum management, fast deployable systems, interoperability, disaster risk reduction and crisis management, secure communications, safety related systems and vehicular communications.
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. Extended and revised versions of selected papers will be considered for publication in special issues of the journals listed on the conference website.

List of Topics

- Ad hoc and wireless mesh networks
- 4G/5G-based ICT systems
- SDN/NFV for PPDR systems
- Wireless LANs
- Sensor networks for environmental monitoring (WSN)
- Positioning systems (LPS, GPS,...)
- Infrastructure and Infrastructure-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
- Critical infrastructure resilience and survivability
- Secure communications
- Disaster management and risk reduction
- Interoperability (radio spectrum, wireless technologies, network architectures)
- Inter-agency interoperability (among different public safety agencies)
- Inter-countries interoperability (among different countries agencies)
- New social media and wireless technologies for crisis response and Search and Rescue (SAR)
- Demonstrations, test-bed and prototype testing
- Vehicular Communications
- Safety related communications in V2X environments
- Synchronization problems in V2X

AUTHOR GUIDELINES:

The final manuscript for publication will be limited to six (6) pages or up to a maximum of eight (8) by purchasing additional pages.
For all the information on the submission guidelines please visit the author instructions page: http://www.wimob.org/wimob2020/guidelines.html.
Papers should be submitted in PDF format through EDAS. 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 31, 2020	September 1, 2020	September 10, 2020

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