Call for Papers

Enabling 5G and beyond to support Vertical Industries Workshop (E-5G)
The 14ᵗʰ International Conference on Wireless Communications and Mobile Computing
IWCMC 2018

IWCMC 2018 Website: http://iwcmc.org/2018/
Submission Link: https://edas.info/newPaper.php?c=23637
St. Raphael Resort & Marina, Limassol, Cyprus
June 25 — 29, 2018
Technically sponsored by: IEEE and IEEE Cyprus Section

Symposium Chairs:

Muhammad Ali Imran, University of Glasgow, UK, muhammad.imran@glasgow.ac.uk
Muhammad Zeeshan Shakir, University of West Scotland, UK, muhamamd.shakir@uws.ac.uk
Qammer H. Abbasi, University of Glasgow, UK, Qammer.abbasi@glasgow.ac.uk
Junaid Qadir, Information Technology University (ITU), Pak, Junaid.qadir@itu.edu.pk
Fang Yang, University of Electronic Science and Technology of China, fenggang@uestc.edu.cn

Scope:

5G and beyond networks are expected to accommodate a wide range of vertical industries with advanced requirements of ubiquity, latency, resilience, coverage and high data rate. The workshop on "Enabling 5G and beyond to support Vertical Industries" aims to bring together researchers from many scientific areas. The workshop addresses recent advances in theory and practice of the 5G and beyond in order to solve problems in several industrial sectors (e.g., transportations, health sciences, agriculture, power grid, etc). The main objective is to show how the 5G and beyond communication technology can be used in several diverse areas to suit the global information and communications technology needs.

The Workshop on E-5G of IWCMC 2018 is soliciting original papers on research and development topics in the field of the security of wireless networks and pervasive computing. Prospective authors are cordially invited to submit original technical papers – up to 6 pages of length. Accepted papers will be published in the conference proceedings and will be submitted to the IEEE Xplore digital library. The authors will provide an oral presentation at IWCMC 2018 in Limassol. Topics of interest include, but are not limited to:

- Smart transportations (car to car communications, automated driving, smart navigation, etc.)
- High capacity broadband solutions for airplanes and high-speed transportations
- 5G network architectures for distributed and flexible network functions to accommodate specific public and business needs
- Connected e-Health, healthcare and business
- Underwater high data rate services and communications such as video streaming
- Device centric frameworks such as Device to device communications and its application to public safety
- Smart manufacturing and automation industry
- Smart grid and energy exchange and trading for smart buildings
- UAVs/drones for emergency and crowd network coverage
- Communication for education, learning and teaching
- Smart agriculture and food security

- Information security management in e-Governance
- Monitor and expect environmental changes

Submission Guidelines:

Prospective authors are invited to submit original technical papers—up to 6 pages of length, using the EDAS link: https://edas.info/newPaper.php?c=23637 for possible publication in the IWCMC 2018 Conference Proceedings, which will be submitted to the IEEE Xplore. Selected papers will further be considered for possible publication in three special issues in the following Journals. For more information, visit: http://iwcmc.org/2018/

1. The International Journal of Sensor Networks (IJSNet)
   http://www.inderscience.com/browse/index.php?journalCODE=ijsnet
2. The International Journal of Autonomous and Adaptive Communications Systems (IJAACS):
   http://www.inderscience.com/jhome.php?jcode=ijaacs
3. KSII Transactions on Internet and Information Systems: http://www.itiis.org/
4. Peer-to-Peer   Networking   &   Applications:
   http://www.springer.com/engineering/signals/journal/12083
5. Cyber-Physical Systems journal: www.tandfonline.com/loi/tcyb20

Note: There will be best paper award, best Symposium award and best Workshop award.

Important Dates

Submission: 10 January 2018
Acceptance notification: 30 March 2018
Registration/Camera-ready: 30 April 2018

TPC Members: TBD