

**1. All WTC Newsletters can also be found at:**

<http://wtc.committees.comsoc.org/news/>

**2. GC 2017 Meetings:**

WTC meeting information:

**Location:** Marina Bay Sands Hotel; **Date:** Wednesday 12/6; **Time:** 12:30 – 2:00 pm; **Room:** 4811/4812

**Agenda:**

- o Lunch & Networking
- o Approval of the Agenda
- o Approval of last WTC meeting minute
- o Updates on WTC Activities
- o Updates on WTC new ML and new Website
- o Updates from TEAC
- o WTC Recognition Award
- o Updates on WTC newsletters
- o Any other business

Other GC17 technical committee meeting information:

<https://www.comsoc.org/files/Conferences/Committee-Meeting/gc17-chrono.pdf>

**3. 2017 WTC Recognition Awards**

The names of the awardees will be announced at the WTC meeting on Wednesday 12/6.

**4. WTC Flagship Conferences**

|                     | WTC Endorsed Symposia include                  | Year      | Date/Place                              |
|---------------------|--|-----------|---|
| <b>GC &amp; ICC</b> | Signal Processing for Communications Symposium | 2017-2020 | GC 17 – Singapore                       |
|                     | Wireless Communications Symposium              |           | GC 18 – Abu Dubai, United Arab Emirates |
|                     | Mobile and Wireless Networking Symposium       |           | GC 19 – Waikoloa, Hawaii, USA           |
|                     | Ad-hoc and Sensor Networking Symposium         |           | ICC 18 – Kansas City, USA               |
|                     | Communication Theory Symposium                 |           | ICC 19 – Shanghai, China                |
|                     | Cognitive Radio and Networks Symposium         |           | ICC 20 – Dublin, Ireland                |

**5. 2017 WTC Endorsed Conferences**

- Asia-Pacific Conf. on Communications (APCC 2017)
- Int'l Conf on Microwaves, Communications, Antennas and Electronic Systems (COMCAS 17)
- Int'l Conf. on Signal Processing and Communication Systems (ICSPCS 2017)
- Int'l Symposium on Wireless Communication Systems (ISWCS 2017)
- Int'l Conf. on Military Communications and Information Systems (ICMCIS 2017)
- Int'l Conf. on COMMunication Systems & NETWORKS (COMSNETS 2017)
- Int'l Conf. on Telecommunications (ICT 2017)
- Workshop on Cloud Technologies and Energy Efficiency in Mobile Communication Networks (CLEEN 2017)
- Int'l Conf. on Wireless Communications and Signal Processing (WCSP 2017)
- Int'l Conf. on Information Technology Convergence (ICTC 2017)

**6. Open/upcoming IEEE Communication Magazine Issues**

| Special Issue Topic   | Publication date | Submission deadline |
|---|------------------|---------------------|
| <a href="#">Enabling Communication and Networking Technologies for Edge Computing</a>                                       | August 2018      | 1 Dec 2017          |
| <a href="#">Exploring Caching, Communications, Computing and Security for the Emerging Smart Internet of Things</a>         | August 2018      | 1 Dec 2017          |
| <a href="#">Intelligent Pervasive Communication Systems for Realizing Personalized Healthcare in Connected Environments</a> | September 2018   | 1 Dec 2017          |
| <a href="#">Education &amp; Training: Humanitarian Engineering and Community Engagement in Education</a>                    | May 2018         | 1 Dec 2017          |
| <a href="#">Unlocking 5G Spectrum Potential for Intelligent IoT: Opportunities, Challenges and Solutions</a>                | September 2018   | 15 Dec 2017         |

|  |               |            |
|--|---------------|------------|
| <a href="#">Emerging Technologies for Connected and Smart Vehicles</a> | October 2018  | 1 Feb 2018 |
| <a href="#">Channel Models and Measurements for 5G</a>                 | November 2018 | 1 Mar 2018 |
| <a href="#">Fog Services and Enabling Technologies</a>                 | November 2018 | 1 Mar 2018 |
| <a href="#">Internet of Electric Vehicles and Smart Grid</a>           | December 2018 | 1 Apr 2018 |
| <a href="#">Green Internet of Things</a>                               | January 2019  | 1 May 2018 |

**7. Open/upcoming IEEE Network Magazine Issues**

| Special Issue Topic   | Publication date | Submission deadline |
|---|------------------|---------------------|
| <a href="#">Exploring Deep Learning for Efficient and Reliable Mobile Sensing</a> | July 2018        | 1 Dec 2017          |
| <a href="#">Integration of Satellite and 5G Networks</a>                          | September 2018   | 15 Feb 2018         |
| <a href="#">AI for Network Traffic Control</a>                                    | November 2018    | 1 Apr 2018          |

**8. Open/upcoming IEEE Wireless Communication Magazine Issues**

| Special Issue Topic   | Publication date | Submission deadline |
|---|------------------|---------------------|
| <a href="#">5G Testing and Field Trials</a>   | October 2018     | 1 Feb 2018          |
| <a href="#">Security and Privacy in the Wireless Internet of Things: Emerging Trends and Challenges</a> | December 2018    | 1 Mar 2018          |
| <a href="#">Integrating UAVs into 5G and Beyond</a>   | February 2019    | 15 Jul 2018         |

**9. Other WTC Related Upcoming Conferences**

| Conference   | Location/date                         | Submission deadline   |
|--|---------------------------------------|---|
| International Conference on Advanced Communication Technologies and Networking 2018                          | Morocco<br>Apr 2, 2018                | <a href="#">Dec 31, 2017 23:59:00 America/New_York</a>  |
| 2018 IEEE International Workshop Technical Committee on Communications Quality and Reliability (CQR)         | Austin, USA<br>May 15, 2018           | <a href="#">Jan 30, 2018 23:59:00 America/New_York</a>  |
| 2018 International Symposium on Networks, Computers and Communications (ISNCC): Smart Communications Systems | Rome*, Italy<br>Jun 19, 2018          | <a href="#">Dec 22, 2017 23:59:00 America/New_York</a>  |
| Wireless Communications and Mobile Computing 2018  | Limassol, Cyprus<br>Jun 25, 2018      | <a href="#">Jan 10, 2018 23:59:00 America/New_York</a>  |
| IEEE International Conference on Electronics, Computing and Communication Technologies 2018                  | Bangalore, India<br>Mar 16, 2018      | <a href="#">Dec 15, 2017 23:29:00 Asia/Kolkata</a>  |
| 22nd International Conference on Optical Network Design and Modeling (ONDM 2018)                             | Dublin, Ireland<br>May 14, 2018       | <a href="#">Jan 8, 2018 23:59:00 Europe/Berlin</a>  |
| The Seventh International Conference on Communications and Networking 2018                                   | Hammamet, Tunisia<br>Nov 1, 2018      | <a href="#">May 15, 2018 19:59:00 America/New_York</a>  |
| 2018 IEEE 19th International Symposium on "A World of Wireless, Mobile and Multimedia Networks" (WoWMoM)     | Chania, Crete, Greece<br>Jun 12, 2018 | <a href="#">Dec 19, 2017 06:59:59 America/New_York .. Mar 9, 2018 06:59:59 America/New_York</a> |
| 2018 IEEE Symposium on Computers and Communications (ISCC)   | Natal, Brazil<br>Jun 25, 2018         | <a href="#">Jan 23, 2018 04:59:00 Europe/London</a>   |
| 2018 21st Conference on Innovation in Clouds, Internet and Networks (ICIN)                                   | Paris, France<br>Feb 20, 2018         | <a href="#">Dec 6, 2017 01:59:00 America/Chicago</a>  |
| 2018 Tenth International Conference on Ubiquitous and Future Networks (ICUFN)                                | Prague, Czech Republic<br>Jul 3, 2018 | <a href="#">May 1, 2018 16:59:00 Asia/Seoul</a>   |
| 2018 Cloudification of the Internet of Things (CIoT)   | Paris, France<br>Jul 2, 2018          | <a href="#">Feb 2, 2018 06:59:59 America/New_York</a>   |
| 25th International Conference on Telecommunications  | Saint Malo, France<br>Jun 26, 2018    | <a href="#">Jan 22, 2018 16:59:00 America/New_York</a>  |
| 2018 International Conference on Computer, Communications and Electronics (Comptelix)                        | Jaipur*, India<br>Aug 18, 2018        | <a href="#">Feb 28, 2018 18:59:00 America/New_York</a>  |



## WTC Newsletter – Issue 6 – December 2017

Wireless Technical Committee

Founder and Editor: Prof. Bechir Hamdaoui

|   |                                     |   |
|---|-------------------------------------|---|
| 2018 International Conference on Computer, Information and Telecommunication Systems (CITS) | Colmar, France<br>Jul 11, 2018      | Mar 15, 2018 11:59:00<br>America/New_York   |
| 2018 10th International Conference on Communication Systems & Networks (COMSNETS)           | Bangalore, India<br>Jan 4, 2018     | Nov 26, 2017 22:29:00<br>America/New_York .. Dec 2, 2017<br>06:59:59 America/New_York |
| 2018 European Conference on Networks and Communications (EuCNC)                             | Ljubljana, Slovenia<br>Jun 18, 2018 | Feb 12, 2018 23:59:00<br>Europe/Berlin .. Mar 26, 2018                                |

### 10. Ads

- **PhD Position:** Immediate PhD studentship for EU/UK students at University of the West of Scotland. Network flying platforms (NFPs) have great potential to be part of next generation of cellular communication whether it is airborne network; D2D enabled aerial networks or flying hub for small cell densification - there are many other use cases; of course at the cost of challenges that we yet have to solve; Look at our recent work on flying platforms for 5G and beyond here [https://lnkd.in/g\\_cbnDn](https://lnkd.in/g_cbnDn). If you are interested in doing PhD on these topics in wireless communications; then apply for PhD studentship at UWS; visit here for details <https://lnkd.in/gsnXN2Q> and email for more information to Muhammad Zeeshan Shakir; Email: [Muhammad.Shakir@uws.ac.uk](mailto:Muhammad.Shakir@uws.ac.uk).
- **Postdoc Position:** The Wireless Networks Laboratory (WNL) at Cornell University and at the University of Texas at Dallas invites applications for a postdoctoral position in the areas of (1) Wireless Communications, and (2) Wireless Networks. The candidates are expected to:
  - have completed his/her Ph.D. degree in EE, CS, or related areas;
  - have very strong analytical skills in system performance evaluation;
  - have performed research in the area of wireless communications;
  - published in top journal and top conferences in the field;
  - have strong English communication skills (oral and writing);
  - be able to work independently, as well as in a team; and
  - be enthusiastic about pushing the state-of-the-art.

(a) The location of the position is at the CS department of the University of Texas at Dallas, within the highly dynamic department and in the middle of the "Telecommunication Corridor" in the Dallas, TX area.

(b) The position is renewable, based on mutual interest and on availability of funding.

(c) If interested, please send an email, including a detailed CV and at names of at least 3 references, to Zygmunt J. Haas at [zhaas@cornell.edu](mailto:zhaas@cornell.edu)

(d) Please note: Only candidates on the short list will be contacted.
- **NIST Event:** NIST Announces Testing Event for Indoor Localization Systems. The National Institute of Standards and Technology is organizing a unique opportunity for manufacturers of indoor localization and tracking solutions to have their systems tested according to the procedures of an international standard at the NIST Campus in Gaithersburg, MD, USA in Spring 2018. For further information, please visit the NIST web page for this event at <https://perfloc.nist.gov/2018-nist-lts-tne-event.php>
- **Faculty positions:** are available at <http://ece.mst.edu/employmentopportunities/>

### 11. Contact Information

|                   |  |
|-------------------|--|
| WTC website       | <a href="http://wtc.committees.comsoc.org">http://wtc.committees.comsoc.org</a>                            |
| WTC officers      | Chair: Prof. Shuguang Cui  |
|                   | Vice-Chair: Prof. Wei Zhang  |
|                   | Secretary: Prof. Bechir Hamdaoui   |
| Newsletter editor | Prof. Bechir Hamdaoui ( <a href="mailto:hamdaoui@eecs.oregonstate.edu">hamdaoui@eecs.oregonstate.edu</a> ) |

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