

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

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

**2. GC 2018 Meetings:**

WTC meeting information:

**Date:** Tuesday 12/11; **Time:** 12:30 – 2:00 pm; **Room:** Capital Suite 5

**Agenda:**

- 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
- o Adjourn

Other GC18 technical committee meeting information:

<http://globecom2018.ieee-globecom.org/sites/globecom2018.ieee-globecom.org/files/GC%202018%20Committee%20Meeting%20Schedule%20for%20web%20Nov%2021%20chrono.pdf>

**3. 2018 WTC Recognition Awards**

The names of the awardees will be announced at the WTC meeting on Tuesday 12/11.

**4. WTC Flagship Conferences**

	WTC Endorsed Symposia include	Year	Date/Place
<b>GC &amp; ICC</b>	Signal Processing for Communications Symposium	2017-2020	GC 19 – Waikoloa, Hawaii, USA
	Wireless Communications Symposium		GC 20 – Taipei, Taiwan
	Mobile and Wireless Networking Symposium		GC 21 – Madrid, Spain
	Ad-hoc and Sensor Networking Symposium		GC 22 – Rio de Janeiro, Brazil
	Communication Theory Symposium		ICC 19 – Shanghai, China
	Cognitive Radio and Networks Symposium		ICC 20 – Dublin, Ireland
		ICC 21 – Montreal, Canada	
		ICC 22 – Seoul, South Korea	

**5. 2018 WTC Endorsed Conferences**

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

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

Special Issue Topic	Publication date	Submission deadline
<a href="#">Modern Railways: Communications Systems and Technologies</a>	June 2019	15 December 2018

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

Special Issue Topic	Publication date	Submission deadline
<a href="#">Edge Intelligence for Industrial Internet of Things</a>	September 2019	1 December 2018
<a href="#">Enabling Networked Services and Technologies for Connected Healthcare</a>	November 2019	1 February 2019



## WTC Newsletter – Issue 8 – December 2018

*Wireless Technical Committee*

Founder and Editor: Prof. Bechir Hamdaoui

<a href="#">Blockchains for Scalable IoT Management, Access and Accountability</a>	January 2020	15 February 2019
<a href="#">Recent Advances in Security and Privacy for Future Intelligent Networks</a>	March 2020	20 March 2019
<a href="#">Cyber Security based on Artificial Intelligence for Cyber-Physical Systems</a>	May 2020	1 May 2019

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

Special Issue Topic	Publication date	Submission deadline
<a href="#">Safeguarding 5G-and-Beyond Networks with Physical Layer Security</a>	October 2019	20 January 2019
<a href="#">Future Communication Trends towards Internet of Things Services and Applications</a>	December 2019	1 March 2019
<a href="#">Intelligent Radio: When Artificial Intelligence Meets Radio Network</a>	February 2020	31 May 2019
<a href="#">Artificial Intelligence-Driven Fog Radio Access Networks (F-RANs): Recent Advances and Future Trends</a>	April 2020	1 August 2019

### Other WTC Related Upcoming Conferences

Conference	Location/date	Submission deadline
2019 Blockchain, Robotics and AI for Networking Security Conference	Rio De Janeiro, Brazil Mar 27, 2019	<a href="#">Dec 21, 2018 07:09:59 America/New_York</a>
2019 IEEE Conference on Communications and Network Security (CNS)	Washington, USA Jun 10, 2019	<a href="#">Dec 21, 2018 23:59:59 America/Los_Angeles</a>
2019 IEEE Conference on Communications and Network Security (CNS) Test	Washington, USA Jun 3, 2019	<a href="#">Dec 22, 2018 02:59:59 America/Los_Angeles</a>
International Journal of Future Technologies & Innovations	Tunisia Apr 30, 2019	<a href="#">Dec 22, 2018 18:00:00 America/New_York</a>
2019 International Symposium on Networks, Computers and Communications (ISNCC)	Istanbul, Turkey Jun 18, 2019	<a href="#">Dec 23, 2018 18:59:59 America/New_York</a>
2019 International Symposium on Networks, Computers and Communications (ISNCC): Wireless and Mobile Networks	Istanbul*, Turkey Jun 18, 2019	<a href="#">Dec 23, 2018 18:59:59 America/New_York</a>
2019 International Conference on Advanced Communication Technologies and Networking (CommNet)	Morocco Apr 12, 2019	<a href="#">Dec 27, 2018 23:59:59 America/New_York</a>
2019 IEEE INFOCOM WKSHPs: ECOFEC 2019 : ECONomics of Fog, Edge and Cloud Computing	Paris*, France Apr 29, 2019	<a href="#">Dec 28, 2018 20:59:59 America/Los_Angeles</a>
2019 IEEE INFOCOM WKSHPs: CAOS 2019: Communications and Networking Aspects of Online Social Networks	Paris*, France Apr 29, 2019	<a href="#">Dec 30, 2018 20:59:59 America/Los_Angeles</a>

2019 IEEE INFOCOM WKSHPs: FlexNets 2019: Flexible and Agile Networks: 5G and Beyond	Paris*, France Apr 29, 2019	Dec 30, 2018 20:59:59 America/Los_Angeles
2019 IEEE INFOCOM WKSHPs: WCNEE 2019: Wireless Communications and Networking in Extreme Environments	Paris*, France Apr 29, 2019	Dec 30, 2018 20:59:59 America/Los_Angeles
2019 26th International Conference on Telecommunications (ICT)	Hanoi, Vietnam Apr 8, 2019	Dec 31, 2018 23:59:59 America/New_York
17th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks	Avignon, France Jun 3, 2019	Dec 31, 2018 23:59:59 America/Los_Angeles
2019 International Conference on Innovations in Engineering Education - 2019 Advances in Science and Engineering Technology (ASET) International Conferences	Dubai*, United Arab Emirates Mar 26, 2019	Jan 3, 2019 04:36:59 America/New_York
The First International Workshop on Intelligent Cloud Computing and Networking (ICCN 2019)	Paris*, France Apr 29, 2019	Jan 6, 2019 20:59:59 America/Los_Angeles
IEEE INFOCOM 2019 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPs)	Paris, France Apr 29, 2019	Dec 28, 2018 20:59:59 America/Los_Angeles .. Jan 6, 2019 23:59:59 America/Los_Angeles
2019 Iran Workshop on Communication and Information Theory	Tehran, Iran Apr 24, 2019	Jan 7, 2019 23:59:59 America/New_York
Wireless Communications and Mobile Computing 2019	Tangier, Morocco Jun 23, 2019	Jan 10, 2019 06:59:59 America/New_York .. Jan 10, 2019 11:59:59 America/New_York
2019 IEEE Wireless Communications and Networking Conference (WCNC)	Marrakech, Morocco Apr 15, 2019	Dec 10, 2018 23:59:59 America/New_York .. Jan 10, 2019 23:59:59 America/New_York
2019 IEEE ComSoc International Communications Quality and Reliability Workshop (CQR)	Naples, USA Apr 16, 2019	Jan 11, 2019 23:59:59 America/New_York
2019 International conference of Information and Communication Technology	baghdad, Iraq Apr 15, 2019	Jan 15, 2019 07:00:59 America/New_York
Smart Cities Symposium 2019	Manama, Bahrain Mar 24, 2019	Jan 15, 2019 11:59:59 America/New_York
2019 IEEE International Conference on Communications (ICC)	Shanghai, P.R. China May 20, 2019	Jan 15, 2019 23:59:59 America/New_York .. Jan 25, 2019 23:59:59 America/New_York
2019 IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom)	Sochi, Russia Jun 3, 2019	Feb 1, 2019 03:00:59 Europe/Helsinki
CPSCoM-2019 (The 2019 IEEE International Conference on Cyber, Physical and Social Computing (CPSCoM-2019))	USA Jul 14, 2019	Feb 1, 2019 07:52:59 America/New_York

2019 18th Annual Mediterranean Communication Networking Conference (MED-COM-NET)	Valetta, Malta, Malta Jun 5, 2019	<a href="#">Feb 1, 2019 20:59:59 America/New_York</a>
2019 IEEE International Conference on Information and Communications Technology (ICOIACT)	Yogyakarta, Indonesia Mar 6, 2019	<a href="#">Feb 3, 2019 23:59:59 Asia/Jakarta</a>
The 21st IEEE International Conference on High Performance Computing and Communications (HPCC-2019)	Zhangjiajie, P.R. China Aug 10, 2019	<a href="#">Feb 10, 2019 00:00:59 America/New_York</a>
2019 IEEE Symposium on Computers and Communications (ISCC)	Barcelona, Spain Jun 29, 2019	<a href="#">Feb 10, 2019 23:59:59 America/New_York</a>
The Springer2019 International Congress on High Performance Computing and Big Data	Tehran, Iran Apr 23, 2019	<a href="#">Feb 10, 2019 23:59:59 America/New_York</a>
2019 11th International Conference on Ubiquitous and Future Networks (ICUFN)	Split, Croatia Jul 2, 2019	<a href="#">Feb 15, 2019 23:59:59 America/New_York</a>
2019 International Conference on Blockchain	San Diego*, USA Jun 25, 2019	<a href="#">Feb 17, 2019 23:59:59 America/New_York</a>
2019 International Conference on Internet of Things	San Diego*, USA Jun 25, 2019	<a href="#">Feb 17, 2019 23:59:59 America/New_York</a>
7th International Conference on Smart Computing & Communications 2019	Miri, Malaysia Jun 28, 2019	<a href="#">Feb 18, 2019 18:59:59 America/New_York</a>
The 19th IEEE International Conference on Scalable Computing & Communications 2019	Leicester*, United Kingdom (Great Britain) Aug 19, 2019	<a href="#">Feb 19, 2019 18:59:59 America/New_York</a>
The 16th IEEE International Conference on Ubiquitous Intelligence and Computing 2019: Track 4: Personalization and Social Aspects	Leicester*, United Kingdom (Great Britain) Aug 19, 2019	<a href="#">Feb 19, 2019 18:59:59 America/New_York</a>
The 29th Joint Conference on Communications and Information	Gangneung, Korea Apr 24, 2019	<a href="#">Feb 22, 2019 23:59:59 Asia/Seoul</a>
17th International Conference on Wired & Wireless Internet Communications	Bologna, Italy Jun 10, 2019	<a href="#">Feb 24, 2019 06:59:59 America/New_York</a>
2019 IEEE International Conference on Blockchain	Atlanta*, USA Jul 14, 2019	<a href="#">Mar 1, 2019 05:05:59 America/New_York</a>
The 2019 IEEE International Conference on Internet of Things	Atlanta*, USA Jul 14, 2019	<a href="#">Mar 15, 2019 19:59:59 America/New_York</a>



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*Wireless Technical Committee*

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IEEE International Conference on Green Computing and Communications 2019	Atlanta, USA Jul 14, 2019	Mar 15, 2019 23:59:59 America/New_York
2019 IEEE 30th Annual International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC)	Istanbul, Turkey Sep 8, 2019	Apr 22, 2019 00:59:59 America/New_York
2019 International Conference on Computer, Information and Telecommunication Systems (CITS)	Beijing, P.R. China Aug 28, 2019	Apr 30, 2019 05:59:59 America/New_York
IEEE 13th International Symposium on Embedded Multicore/Manycore SoCs (MCSoc-2019)	Singapore, Singapore Oct 1, 2019	Apr 30, 2019 11:00:59 America/New_York
2019 16th International Symposium on Wireless Communication Systems (ISWCS)	Oulu, Finland Aug 27, 2019	Apr 30, 2019 20:59:59 America/New_York

### 9. Ads

- **Research positions:** Gerhard Fettweis heads the newly founded Barkhausen Institut in Dresden ([www.barkhauseninstitut.org](http://www.barkhauseninstitut.org)), conducting research on key components of a secure and dependable wireless IoT. The Barkhausen Institute seeks experienced researchers (with Ph.D. or equivalent experience) to work with us in the fields of:
  - Wireless Connectivity
  - Analog/RF/mm-wave Circuit Design
  - ASIC implementation/scalable hardware and software development
  - Distributed IoT server architectures and Mobile Edge Cloud
  - Secure OS
  - Application/testbed/demonstrator engineering in our Connected Robotics Lab
- **CFP-Special Issue in IEEE Transactions on Cognitive Communications and Networking:** Special Issue on **Co-existing Radio and Optical Wireless Deployments**. The proposed special issue will capture the current state of the art for research and new efficient schemes, techniques and protocols to address fundamental and practical challenges in enabling cognitive radio-optical networks. Coexisting Radio and Optical Wireless Deployments, or CROWD networks, are of high interest as we look for new ways to accommodate the demand that will be placed on next generation wireless networks and beyond. Download complete CFP at <https://www.comsoc.org/tccn/cfp/coexisting-radio-and-optical-wireless-deployments>
- **CFP-Special Issue in IEEE Network Magazine:** Special issue on **Blockchains for Scalable IoT Management, Access and Accountability**.
  - Submission Deadline: 15 February 2019.
  - Manuscripts should conform to the standard format as indicated in the Information for Authors section of the <https://www.comsoc.org/publications/magazines/ieee-network>.
  - Manuscripts must be submitted by the deadline via <https://mc.manuscriptcentral.com/network-ieee>

### 10. Contact Information

WTC website	<a href="http://wtc.committees.comsoc.org">http://wtc.committees.comsoc.org</a>
WTC officers	Chair: Prof. Shuguang Cui
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