

# IEEE 5G Summit San Diego

Fri 19th, 1PM - Sat 20th April, All Day, Qualcomm Bldg AZ, San Diego CA 92121

Register at: <https://www.regonline.com/ieee5gsummitsandiego2019>

<http://www.sdieee.org/cgi-bin/WebObjects/ieee.woa/wo/82.0.3.5.1.3.1>

<http://www.5gsummit.org/sandiego/>

<https://www.meetup.com/San-Diego-IEEE-Meetup/events/258638250/>

## IEEE 5G Summit April 19-20th, 2019 San Diego

IEEE 5G Summit San Diego 2019, with tutorials co-sponsored by IEEE San Diego Section and IEEE Communications Society, will provide a unique forum for folks from industry, academia, and user community to be informed about the evolving landscape of 5G technologies, deployment use cases, and business models and to collaborate and exchange ideas in this emerging technology.

**April 19<sup>th</sup>, 2019, 1PM until Late**

5G Tutorials, Demo, and Expo

Social with IEEE YPE/ WIE/ Consultants Networks/ NeXT, Social Networking – Gravity Heights

**April 20<sup>th</sup>, 2019 All Day**

Topics: RF, HW, SW, Photonics, Systems, Applications (Transport, Drones, EV),  
Verticals (Enterprise/Private networks/Industrial), IPR, policies

**Venue: Qualcomm Bldg. AZ, 10155 Pacific Heights Blvd, San Diego, CA 92121**

<https://goo.gl/maps/Mw85BgyfJk> Non-Qualcomm attendees: Please arrive 10-15 minutes early to find street parking or in nearby Qualcomm parking structures.

### Keynotes



*Mansoor Hanif*  
Ofcom  
CTO



*Caroline Chan*  
Intel  
VP Data Center Group GM 5G Network  
Incubator Division



*Dr. Durga Malladi*  
Qualcomm  
SVP and GM, 4G/5G

### Sponsors



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# IEEE 5G Summit April 19-20th, 2019 San Diego

## Friday April 19th - Keynote | Tutorials | Social

1:00 to 5:30	Registration	All Day - Registration, Demos and Expo, Opening Remarks – General & TPC Chairs
1:00	Tutorial	<b>5G New Radio (NR)</b> - <i>Dr. Liangping Ma, COMSOC Distinguished Lecturer</i>
2:15	Break	
2:45	Tutorial	<b>5G Next Generation Core (NGC)</b> - <i>Dr. Tom Tofigh, Quanta Cloud Technologies</i>
4:00	Break	
4:15	Tutorial	<b>Power challenges with 5G</b> - <i>Dr. Navid Ehsan Intel, Francesco Carobolante, IoTissimo, Dr. Reza Rofougaran, Movandi</i>
5:30	Keynote	<b>Ofcom Priorities for UK Regulation: Universality, Fairness, Reliability and the role of Innovation</b> - <i>Mansoor Hanif, Ofcom UK, Corporate CTO</i>
6:45 - 9:45	Social	Social Dinner with IEEE YPE/ WIE/ Consultants Networks/ NeXT @ Gravity Heights 9920 Pacific Heights Blvd, San Diego, CA 92121

## Saturday April 20 - Keynotes | Panels

8:00	Registration	<b>Breakfast &amp; Registration, Demo and expo- room, running in parallel, Opening Remarks and Thanks- Upkar Dhaliwal, General Chair</b>
8:30	Keynote	<b>5G Accelerating Enterprise Digital Transformation</b> <i>Caroline Chan, VP Data Center Group GM 5G Network Incubator Division</i>
9:30	Session 1	<b>Opportunities and Challenges with 5G vRAN/Edge Compute/SDN</b> - <i>Dr. Poornima Lalwaney, Intel, Chair</i> <i>Dr. Sridhar Rajagopal, Mavenir, Masood Amin, Altran</i> <i>Joe Thome, Airhop Communications, Rajesh Mishra, Parallel Wireless</i>
10:30	Session 2	<b>5G Standards and Deployment</b> - <i>Dr. Liangping Ma, Interdigital, Chair</i> <i>Dr. Juan Montojo, Qualcomm, Dr. Jungwon Lee, Samsung</i> <i>Dr. Mingxi Fan, XCOM-labs, Inc., Dr. Byung K. Yi, UCSD</i>
11:30	Session 3	<b>5G for Smarter Safer Cities Communities</b> - <i>Upkar Dhaliwal, Future Wireless Tech, Chair</i> <i>Erik Vlugt, Cubic Transport Div., Amit Bhaduri, AgShift</i> <i>Rajesh Mishra, Parallel Wireless, Thomas Bilotta, Assured Wireless</i>
12:30	Lunch	Building AZ Courtyard
1:30	Keynote	<b>5G: From Concept to Commercialization, and What's Next</b> <i>Dr. Durga Malladi, Qualcomm, SVP GM 4/5G</i>
2:30	Session 4	<b>Power Efficiency in 5G Front Ends: Are We Keeping Cool?</b> <i>Francesco Carobolante, IoTissimo, Chair</i> <i>Dr. Navid Ehsan, Intel, Mike Kappes, IQ Analog, Dr. Reza Rofougaran, Movandi, Aristotele Hadjichristos, GlobalFoundries, Dr. Naveen K. Yanduru, IDT</i>
3:30	Session 5	<b>Patents, Policy and Innovation</b> - <i>Dr. Ron D Katznelson, Jonathan T. Kaplan, Co-chairs</i> <i>Jonathan T. Kaplan, Patent attorney</i> <i>Dr. Tom Tofigh, Self</i> <i>Keith D. Grzelak, Wells St. John PS</i> <i>Mike Kappes, IQ Analog</i>
4:30 - 5:30	Social	Closing Remarks, Networking Wrap up

General Co-Chairs, Upkar Dhaliwal, IEEE Future Network Initiative, upkar@ieee.org, , Zhensheng Zhang