

IEEE 5G Summit San Diego

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

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

<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 San Diego 2019, with tutorials co-sponsored by IEEE Communications Society and San Diego Section, 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 19th, 2019 1PM until Late

5G Tutorials, Demo, and Expo

Social with IEEE YPE/ WIE/ Consultants Networks/ NeXT, Social Networking

April 20th, 2019 All Day

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

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

<https://goo.gl/maps/Mw85BgtyfJk> Non-Qualcomm attendees: Please arrive 10-15 minutes early to find street parking or in nearby Qualcomm parking structures.

Keynote 1: *Ofcom Priorities for UK Regulation: Universality, Fairness, Reliability and the role of Innovation*

[Mansoor Hanif, Ofcom, Corporate CTO](#)

Keynote 2: *5G accelerating enterprise digital transformation*

[Caroline Chan, Intel, 5G Infrastructure Innovation VP GM](#)

Keynote 3: *5G: From Concept to Commercialization, and What's Next*

[Durga Malladi, QUALCOMM, SVP GM 4/5G](#)



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Fri April 19: Tutorials, Demos, Social

1- 5:30 p.m.: Registration Opens 1PM, Tutorials, Demo and expo, running in parallel

1:00-2:15p.m: 5G New Radio (NR) tutorial: System architectures, Channel coding, control and user-plane protocol stack, mm-wave, Massive MIMO. By Dr. [Liangping Ma](#), COMSOC Distinguish Lecturer -75mins

2:15-2:45p.m: Break

2:45-4:00p.m: 5G Next Generation Core (NGC) tutorial: VRAN, Core Network, Edge Cloud, Open source, Software defined networking, NFV, Orchestration. By [Dr. Tom Tofigh J.D.](#), AT&T Enterprise 75 mins

4:00-4:15: Break

4:15-5:15p.m: Power challenges with 5G - by [Dr. Navid Ehsan](#) Intel, [Francesco Carobolante](#), Ex-Qualcomm, 1 Hour

5:30-6:30 p.m.: Keynote Speaker 1: Ofcom Corporate CTO: [Mansoor Hanif](#) (45 min presentation – 15 min Q/A) – *Ofcom Priorities for UK Regulation: Universality, Fairness, Reliability and the role of Innovation*

6:45 -9:45p.m: Social Dinner with IEEE YPE/ WIE/ Consultants Networks/ NeXT/ IEEE UCSD SB

April 20 Keynotes, Panels, Demos

8:00-8:30a.m Breakfast & Registration, Demo and expo- room, running in parallel

8:30-9:30a.m: Keynote Speaker 2: 5G Infra Innovation Leader: [Caroline Chan](#) (45 min presentation – 15 min Q/A)
Title: *5G Accelerating Enterprise Digital Transformation*

9:30-10:30 a.m. Session 1: 5G SDN/vRAN/Edge Compute Chair – Dr. [Poornima Lalwaney](#) - confirmed

Panel Member 1: Mavenir: Sridhar Rajagoal

Panel Member 2: Aricent: Masood UI Amin

Panel Member 3: Airhop Communications: Joe Thome

Panel Member 4: Cirrus360: Chaitali Sengupta

Panel backups:; Radisys: Rishi; Intel: Joe Bocuzzi

10:30- 11:30 noon Session 2: 5G Standards and Deployment 11-12 p.m – Dr. [Liangping Ma](#) confirmed

Panel Member 1: Qualcomm: Juan_Montojo

Panel Member 2: Samsung: Jungwon Lee

Panel Member 3: X-COM: Mingxi Fan

Panel Member 4: UCSD:Byung K. Yi

11:30-12:30p.m: Session 3: 5G for Smarter and Safer Cities – Chair [Upkar Dhaliwal](#), IOT: Ag, Auto, Industrial, etc

Panel Member 1: FirstNet Stakeholder: Eng lead?

Panel Member 2: Intel: TBD

Panel Member 3: Assured Wireless: Thomas Bilotta

Panel Member 4: Parallel Wireless: Rajesh Mishra

12:30-1:30p.m: Lunch

1:30-2:30p.m: Keynote Speaker 2: 5G leader [Durga Malladi](#) (45 min presentation – 15 min Q/A)

Title: *5G: From Concept to Commercialization, and What's Next*

2:30-3:30p.m Session 4: Power Efficiency in 5G Front Ends: Are We Keeping Cool?– Chair [Francesco Carobolante](#)

Panel Member 1: Intel: Navid Ehsan

Panel Member 2: IQ Analog: Mike Kappes

Panel Member 3: Movandi: Reza Rofougaran

Panel Member 4: Global Foundries: TBD

3:30-4:30p.m Section 5: Patents, Policy and Innovation – Chairs [Dr. Ron D Katznelson](#), Jonathan T. Kaplan

Panel Member 1: TBD, United States Patent & Trademark

Panel Member 2: Jonathan T. Kaplan, Patent attorney

Panel Member 3: James Harlen, Interdigital

Panel Member 4: Tom Tofigh, Self

Panel Member 5: Keith D. Grzelak, Wells St. John PS

4:30-5:30: Networking Wrap up

RSVP <https://events.vtools.ieee.org/m/191195>

Direct Registration if RSVP fails <https://www.regonline.com/ieee5gsummitsandiego2019>

Q&A General Co-Chairs, [Upkar Dhaliwal](#), [Zhensheng Zhang](#)

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