Welcome to Seattle

IEEE 5G SUMMIT

Seattle

Nov. 5, 2016

Seattle University, Seattle, Washington

IEEE ComSoc
IEEE Communications Society

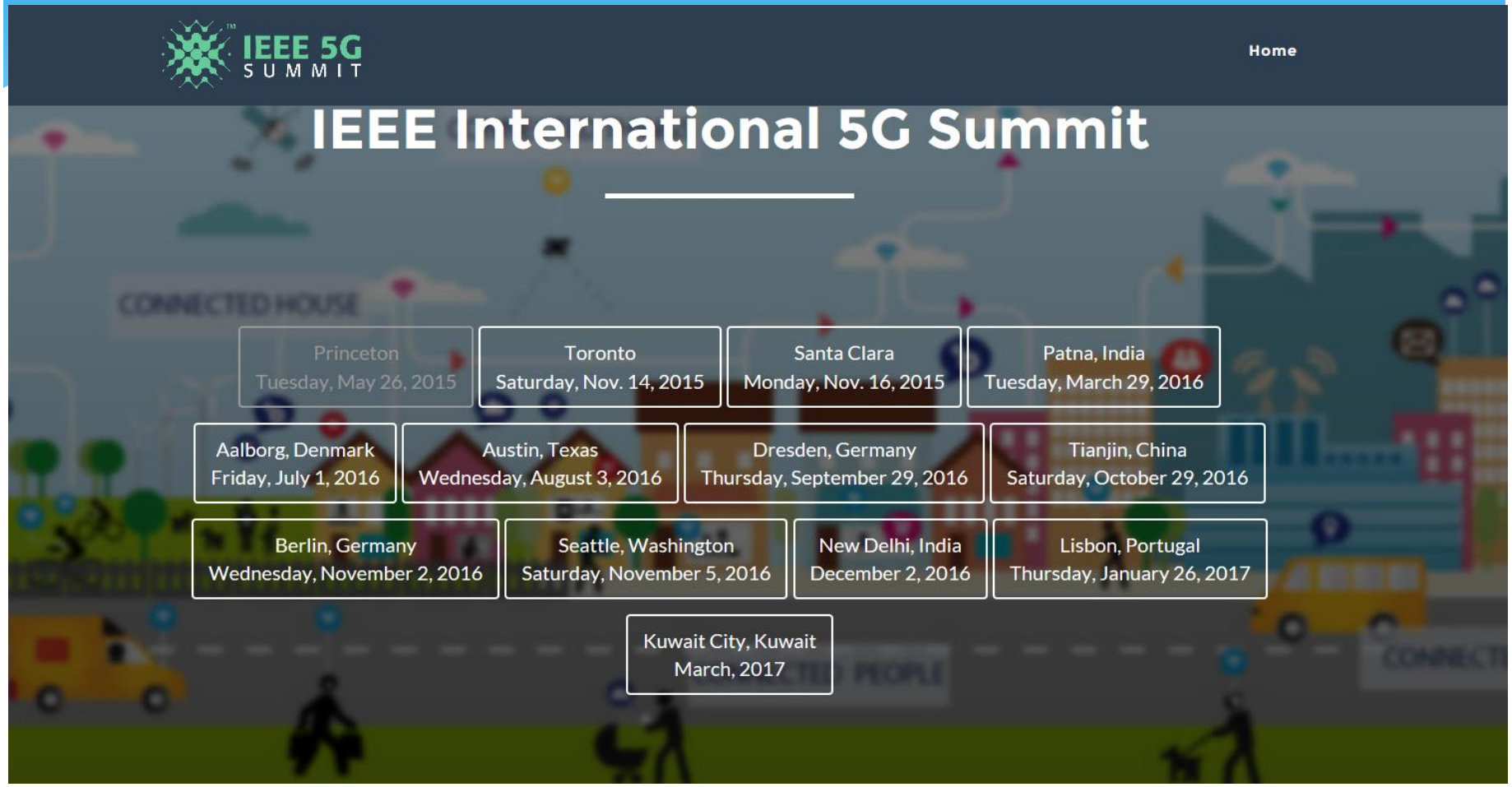
IEEE COMMUNICATIONS SOCIETY Seattle Chapter

IEEE STANDARDS ASSOCIATION

ieee.tv

IEEE

The 10th of the 5G Summit Series



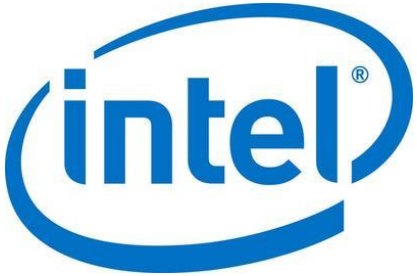
IEEE 5G SUMMIT

IEEE 5G Initiative

http://5g.ieee.org

Join others in 5G discussions at
https://ieee-collabratec.ieee.org/app/community/76/activities

Appreciations



Acknowledgement

* **Organization committee**
  * **Local committee members**
    * Shiny Abraham (Seattle Com-19 Chapter Secretary)
    * Alexander Wang (Seattle Com-19 Chapter Treasurer)
    * Payman Arabshahi (UW)
    * Titus Lo (Seattle Com-19 Chapter Chair)
    * Bhuvan Modi (AT&T)
  * **ComSoc committee members**
    * Ashutosh Dutta (Dir. Industry Outreach, ComSoc, IEEE 5G Initiative Co-Chair, AT&T)
    * Christian Makaya (IBM)
    * Bruce Worthman (ComSoc Staff)
    * Heather Ann Sweeney (ComSoc Staff)
    * Phyllis O'Neill (ComSoc Staff)
    * Adam Greenberg (ComSoc Staff)
    * Komlan Egoh (ComSoc Staff)
  * **Local volunteers**
    * Joshua Ogden
    * Nicholas Ralston
    * Matthew Horn
    * Dominic Burgi
    * Matthew Kunimoto
    * Mehmet Vurkaç
    * Yihan Jiang
    * Souma Wanta

Agenda

9:00 – 9:20 Welcome Addresses

9:20 – 10:30 Session I

- **5G: A Transformative Force in Wireless Communications -- Asha Keddy, VP Intel**
- 5G Economics -- Chetan Sharma, President Chetan Consulting
- MEC and Edge Computing -- Monica Paolini, President Senza Fili Consulting

10:30 – 10:40 Coffee Break

10:40 – 12:10 Session II

- **The 5G Puzzle: Assembling the Pieces -- Ron Marquardt, VP Sprint**
- Resource Allocation Algorithms Design for 5G Wireless Networks -- Vincent Wong University of British Columbia
- 5G Radio Access -- Kumar Balachandran, Ericsson
- Two Pathways to 5G: Spectrum Sharing and Aggregation -- Insoo Hwang, Google

12:10 – 13:10 Lunch Break

13:10 – 15:00 Session III

- **Journey to 5G - T-Mobile US perspective -- Karri Kuoppamaki, VP, T-Mobile**
- Spectrum Sharing: Emerging Scenarios & Opportunities -- Sumit Roy University of Washington
- 5G - From Theory to Practice -- James Kimrey National Instruments
- mmWave radio designs for mobile handsets -- Alberto Valdes-Garcia, IBM Research
- A Communication-centric look at automated driving -- Onur Altintas, Fellow, Toyota InfoTech, USA

15:00 – 15:10 Coffee Break

15:10 – 16:40 Session IV

- **The Road to 5G -- Brian K. Daly, Diretor AT&T**
- Business Case Modeling for 5G: Where and When will 5G be Viable -- Joe Madden, Mobile Experts
- Towards Making 5G a Reality -- Mark Cudak, Nokia Bell Labs
- Sean Cai, VP, ZTE

16:40 – 17:40 Panel Discussion: 5G Outlook, R&D, Standards, and Deployment

17:40 Concluding Remarks

Welcome Adresses

* **Bob Dullea, Ph.D., Interim Provost, Seattle University**
* **Rachael Brown, Corporate Relations Manager, Seattle University**

Announcements