# Monday, May 22

| Time | 212/213 | 242A | 242B | 243 | 251 | 252A | 252B | 253 | 341 | 342A | 342B | 343 | 351 | 352A | 352B | 353 | 361 | 362/363 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11:00-12:30 | SAC-IoT-01: Low Power Wide Area Networks | NGNI-01: Device-to-Device Communications | BDN-01: Big Data Analysis | CQRM-01: Software Defined Networks and Traffic Analysis | AHSN-01: Wireless Sensor Networks - 1 | AHSN-02: Routing in Multi-Hop Wireless Networks | MWN-01: Mobile Edge Computing | MWN-02: Wireless Access Networks 1 | WCS-01: Resource Allocation and Interference Management I | WCS-03: mmWave and Terahertz Communications I | WCS-02: Multiple Access Methods and Air Interfaces I | WCS-04: Channel Modelling and Propagation I | CT-01: Cellular Networks | GCSN-01: Wireless Energy Harvesting | SPC-01: Compressive Sensing | SAC-EH-01: Video-Based and Image Processing Systems for Health Monitoring | ONS-01: Free-Space Optical Communications and Networking | CISS-01: Mobile and Wireless Network Security I |
| 14:00-15:30 | SAC-IoT-02: IoT Radio Disruptive Research | NGNI-02: Cloud-Based Networking I | NGNI-03: Machine-to-Machine and Machine-Type Communications | CQRM-02: Design and Evaluation of Wireless Networks | AHSN-03: Vehicular Networks - 1 | AHSN-04: Localization in Wireless Networks - 1 | MWN-03: Unmanned Aerial Vehicles | MWN-04: Long-Term Evolution & 5G | WCS-05: Cooperative and Relay-Aided Communications I | WCS-06: Massive MIMO I | WCS-07: Heterogeneous and Small Cell Networks | WCS-08: Modulation, Coding, and Diversity Techniques I | CT-02: Massive MIMO | SDNFV-01: Traffic Management in SDN/NFV | SPC-02: Channel Estimation I | CRN-01: Resource Allocation in Cognitive Radio Networks | ONS-02: Optical Data Center Networking | CISS-02: Physical Hardware and Software Security |
| 16:00-17:30 | SAC-IoT-03: IoT Platforms and Services | NGNI-04: Cloud-Based Networking II | CSSMA-01: Multimedia Streaming and Video Delivery I | CQRM-03: Multimedia Communications | AHSN-05: Modeling, Optimization, and Performance Evaluation - 1 | AHSN-06: D2D and M2M | MWN-05: Wireless Access Networks 2 | MWN-06: Device-to-Device Communications 1 | WCS-09: Physical Layer Security I | WCS-11: Channel Estimation and Massive MIMO | WCS-10: Device-to-Device and Machine-to-Machine Communications I | CCN-01: Network Virtualization | CT-03: Capacity | SDNFV-02: New Paradigms Enabled by Softwarization | SPC-03: Distributed Systems | CRN-02: Cooperation in Cognitive Radio Networks | ONS-03: Lighting Constrained Visible Light Communications and Networks | SAC-SSC-01: Satellite Communications |

# Tuesday, May 23

| Time | 212/213 | 242A | 242B | 243 | 251 | 252A | 252B | 253 | 341 | 342A | 342B | 343 | 351 | 352A | 352B | 353 | 361 | 362/363 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 09:00-10:30 | CCN-02: Distributed Data Center Architectures and Services | NGNI-05: Caching | CSSMA-02: Multimedia Streaming and Video Delivery II | BDN-02: Big Data Networking | AHSN-07: Cooperative Algorithms and Networks | AHSN-08: Internet of Things | MWN-07: Vehicular AdHoc Networks 1 | SAC-ASN-01: Wireless and Integrated Wired/Wireless Access Systems & Networks | WCS-12: Resource Allocation and Interference Management II | WCS-13: Channel Modelling and Propagation II | WCS-14: Multiple Access Methods and Air Interfaces II | SAC-SSC-02: Satellite Networking | CT-04: Coding I | GCSN-02: Green Wireless Systems | SPC-04: MIMO I | CRN-03: Spectrum Sensing and Access | ONS-04: Coding, Modulation, and Signal Processing for Optical Systems | CISS-03: Lightweight Security for IoT |
| 14:00-15:30 | SAC-IoT-04: Emerging IoT Protocols | SAC-SN-01: Analysis and Modeling | SAC-MBMC-01: Synchronization and Mutual | CQRM-04: Future Cellular Networks | AHSN-09: Security in Ad Hoc and Sensor Networks | AHSN-10: Wireless Sensor Networks - 2 | MWN-08: Wireless Access Networks 3 | CCN-03: Mobile Cloud Networks | WCS-15: Cooperative and Relay-Aided Communicat | WCS-17: Device-to-Device and Machine-to-Machine | WCS-16: Physical Layer Security II | SAC-EH-02: WBAN and Mobile Networks Communicat | CT-05: Interference Management | GCSN-03: Enabling Technologies for Green Internet of | SPC-05: Channel Estimation II | CSG-01: Smart Grid Security | CISS-05: Anonymity, Metrics and their Performance | CISS-04: Security for 5G |
| 16:00-17:30 | SAC-SN-02: Experiments and Measurement | NGNI-06: Resource Allocation I | SAC-MBMC-02: Biological & Molecular Communication System Design | CQRM-05: Reliability and Performance of Networks and Network Services | AHSN-11: Energy Efficiency in Wireless Networks | AHSN-12: Vehicular Networks - 2 | MWN-09: Wireless Access Networks 4 | MWN-10: Vehicular Adhoc Networks 2 | WCS-18: mmWave and Terahertz Communications II | WCS-21: mmWave and Massive MIMO | WCS-19: Performance Analysis of Wireless Networks | WCS-20: Modulation, Coding, and Diversity Techniques II | CT-06: Energy Efficiency | GCSN-04: Green Wireless Networks | SPC-06: Sensor Networks | CRN-04: Cognitive Interference Management | SAC-DS-01: Coding for (Distributed) Storage | CISS-06: Mobile and Wireless Network Security II |

# Wednesday, May 24

| Time | 212/213 | 242A | 242B | 243 | 251 | 252A | 252B | 253 | 341 | 342A | 342B | 343 | 351 | 352A | 352B | 353 | 361 | 362/363 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 09:00-10:30 | SAC-IoT-05: *IoT Applications* | NGNI-07: *Scheduling* | BDN-03: *Big Data Security* | SAC-ASN-02: *DSL and PLC Access Systems & Networks* | AHSN-13: *Localization in Wireless Networks - 2* | MWN-11: *Device-to-Device Communications 2* | MWN-12: *Mobile Cloud Computing* | MWN-13: *Wireless Power Saving* | WCS-23: *Network Coding* | WCS-22: *Interference Management, Alignment, and Cancellation* | WCS-24: *Performance Analysis of Wireless Communication Systems* | SDNFV-03: *Service and Function Chains in SDN/NFV* | CT-07: *MIMO* | GCSN-05: *Green Communications in 5G Systems* | SPC-07: *MIMO II* | CSG-02: *Electric Vehicles and Storage in Smart Grid* | CISS-08: *Privacy Enhancing Technologies* | CISS-07: *Cloud and Distributed Application Security* |
| 14:00-15:30 | CCN-04: *Quality of Service and Experience (QoS & QoE) in Cloud Computing* | NGNI-08: *Network Services, Performance, and Implementation* | NGNI-09: *Resource Allocation II* | CQRM-06: *Monitoring and Optimization of Communication Systems* | AHSN-14: *Modeling, Optimization, and Performance Evaluation - 2* | CSSMA-03: *Next-Generation Networking Services and Technologies* | MWN-14: *WIFI Applications* | BDN-04: *Big Data Applications* | WCS-25: *Caching* | WCS-26: *Massive MIMO II* | WCS-27: *Energy Harvesting for Wireless Communications* | SDNFV-04: *Efficient Network and Service Monitoring for SDN/NFV* | CT-08: *Coding II* | GCSN-06: *Energy Harvesting for Green Wireless Communications* | SPC-08: 5G | SAC-SSC-03: *Next-Generation Satellite Networks* | CISS-10: *Authentication Protocols and Message Authentication* | CISS-09: *Authorization and Access Control* |
| 16:00-17:30 | SAC-IoT-06: *IoT Security and Privacy* | NGNI-10: *Wireless Networks* | CSSMA-04: *Mobile Network Services* | CQRM-07: *Optical Networks and Antenna Systems* | AHSN-15: *Vehicular Networks - 3* | AHSN-16: *Wireless and Mobile Ad Hoc Networks* | MWN-15: *Handover & Wireless Mobility* | BDN-05: *Big Data Privacy* | WCS-28: *Intercell Interference Coordination (ICIC) and Coordinated Multipoint (CoMP)* | WCS-29: *Massive MIMO III* | SAC-SN-03: *Privacy, Security and Trust* | SDNFV-05: *Resource Management in SDN/NFV* | CT-09: *Storage and Caching* | SAC-EH-03: *Wearables for Health Monitoring* | SPC-09: *Signal Detection* | CRN-05: *Spectrum Sharing and QoS Management* | ONS-05: *Elastic Optical Networks* | CISS-11: *Firewall Technologies, Intrusion Detection, Localization and Avoidance* |