**“3GPP Summit” takes place in Makuhari, Japan   
at the CEATEC JAPAN 2018 Conference**

　3GPP and its Japanese Organizational Partners (OP), The Telecommunication Technology Committee (TTC) and Association of Radio Industries and Businesses (ARIB) hosted “3GPP Summit” Conference Session at CEATEC JAPAN 2018, one of Japan’s largest ICT Conference and Expo (<https://www.ceatec.com/en/>), on 17th October, 2018 in Makuhari area, Chiba-Pref., Japan.

This event was co-located with the “5G International Workshop” hosted by Japanese Ministry of Internal Affairs and Communications (MIC) and 5G Mobile Communications Promotion Forum (5GMF), in the same room that afternoon. The “3GPP Summit” part of the day provided the latest status of 5G global standardization and its technology, while the “5G International Workshop” introduced the various partnerships around 5G based services involving Japan’s major mobile operators and international regional stakeholders.

The “3GPP Summit” featured all three Technical Specification Group (TSG) Chairman (CT, RAN, SA) alongside their Japanese Vice Chairman, all joined by the Chairman of the 3GPP Security group (SA3) and the 5G Automotive Association (5GAA) – a Partner in 3GPP – who were also presenting. The 3GPP technical leadership event attracted an audience of around 700 people, which was in excess of the full seating capacity of the largest conference room in the Makuhari Messe expo center (<https://www.m-messe.co.jp/en/>) – So it was standing room only!

The session kicked-off with Opening Remarks by Shuichi Inada, Secretary General of TTC, the serving 3GPP Project Coordination Group (PCG) Vice-Chair. His remarks included the assertion that 3GPP standardization is the leading focal point in the emergence of 5G.

The ETSI CTO and the Head of 3GPP Mobile Competence Centre (MCC), Adrian Scrase presented on the 3GPP concept for the standardization, global collaboration and overall technical trends from 3G, via 4G through 5G.

The session then heard presentations from each of the TSGs, with each group being represented by the Chairman and one of the Vice Chairman from a Japanese Member company – each presentation being partially conducted in English and then in Japanese, with translation available for each.

Balazs Bertenyi and Satoshi Nagata of TSG-RAN showed the 5G concept for “5G-NR” with an explanation of the so-called “Non-Standalone” option for coordination with 4G based systems and the “Standalone” NR - with whole 5G components. They then introduced the current work items towards 3GPP Release 16 and their standardization schedule.

Erik Guttman and Yusuke Nakano of TSG-SA elaborated the 5G system architecture and configurations derived from well-deliberated examples of use cases around 5G’s three major requirements, for “eMBB”, “mMTC” and “URLCC”.

Georg Mayer and Atsushi Minokuchi of TSG-CT focused on the major technical transformation of Core Networks, namely “softwarization” and “Service based architecture”, explaining the main enablers for them.

Following the 5G overall technical specifications and services, the focus moves on to security aspects. Anand R. Prasad, the Security WG, SA3 Chairman presented 3GPP progress on security for the new requirements and architecture demands of 5G.

For the last presentation of the session, Maxime Flament, CTO of the 5GAA, one of the “spotlighted” Market Representative Partners (MRP) of 3GPP, introduced the real-world application of 3GPP’s V2X technologies and near future directions of collaboration between ICT and automotive industries.

Yasuo Tawara, Director General of the Radio Department, Telecommunications Bureau, Ministry of Internal Affairs and Communications (MIC) made closing remarks mentioning Japan’s successful contributions and feedback to the global standardization based on the Government-Industry-Academia collaboration activities such as 5G trials and the demands for emerging 5G services at the 2020 Olympic and Paralympic Games in Tokyo.

## The Conference Facts

|  |  |
| --- | --- |
| Title | Collaboration for emerging 5G  ~Forefront of Standardization and Verticals~  3GPP Summit --Forefront of Standardization |
| Date & Time | 10:00～13:00, 17th October, 2018 |
| Location | Makuhari Messe　（Chiba Prefecture, Japan） International Conference Hall |
| Main Host  Organization | [3GPP](http://www.3gpp.org/) |
| Co-host  Organizations | [Ministry of Internal Affairs and Communications (MIC)](http://www.soumu.go.jp/main_sosiki/joho_tsusin/eng/organization.html) [3GPP Japanese Organizational Partners] [The Telecommunication Technology Committee (TTC)](http://www.ttc.or.jp/e/)  [Association of Radio Industries and Bussinesses （ARIB）](https://www.arib.or.jp/english/) |
| #Attendance | Approx. 700 |

**The Conference Agenda**

|  |  |  |
| --- | --- | --- |
| **Time** | **Title** | **Speaker** |
| 10:00～10:10 | Opening Remarks | **Shuichi Inada** Secretary General, TTC  Vice-Chairman of 3GPP PCG |
| 10:10～10:30 | Keynote | **Adrian Scrase**  CTO, ETSI (Head of MCC) |
| 10:30～10:55 | 5G NR standards  – from vision to reality | **Balazs Bertenyi**  Nokia  3GPP TSG-RAN Chairman  **Satoshi Nagata**  NTT DOCOMO  3GPP TSG-RAN Vice-Chairman |
| 10:55～11:20 | New use cases with 3GPP 5G | **Erik Guttman**  Samsung  3GPP TSG-SA Chairman **Yusuke Nakano**  KDDI  3GPP TSG-SA Vice-Chairman |
| 11:20～11:35 | Break | |
| 11:35～12:00 | 5G – Connectivity Platform  of the 2020s | **Georg Mayer**  Huawei 3GPP TSG-CT Chairman  **Atsushi Minokuchi** NTT DOCOMO 3GPP TSG-CT Vice-Chairman |
| 12:00～12:25 | 3GPP 5G Security | **Anand R. Prasad** NEC  3GPP SA WG3 (Security) Chairman |
| 12:25～12:50 | Path towards 5G for the automotive sector | **Maxime Flament**  CTO  5GAA (5G Automotive Association) |
| 12:50～13:00 | Closing Remarks | **Yasuo Tawara**  Director General  of the Radio Department  Telecommunications Bureau,  Ministry of Internal Affairs and  Communications (MIC) |