

EU-Japan Symposium on 5G “From challenges to standardisation” Programme

8-10 February 2016
(9 February: Side visit for the European representatives)

Organisers: Embassy of France in Japan, Delegation of the European Union to Japan, 5GPPP, 5GMF, MIC

Scientific advisors: Laurent Hérault, CEA Leti, Kohei Satoh, ARIB, 5GMF

Monday, 8th February
Auditorium, Delegation of the European Union to Japan

Moderator: Evelyne Etchebehere, Attachée for Science and Technologies, Embassy of France in Japan

09:30	Opening of Registration – Welcome Coffee
10:00 – 10:20	Welcome address: Viorel ISTICIOAIA-BUDURA, Ambassador of European Union to Japan Paul-Bertrand BARETS, Minister - Counselor, Embassy of France in Japan
10:20 – 11:00	Keynote speeches: Junichi NAKAZAWA, Director, Land Mobile Communications Division, Radio Department, Telecommunications Bureau, MIC Bernard BARANI, Deputy Head of Network Technologies Unit, DG CONNECT, European Commission
Session 1	Vision, Challenges and Roadmap of 5G / Moderator: Lee WOOLGAR, Delegation of the European Union to Japan
11:00 – 11:20	5G Activities in Japan Susumu YOSHIDA, Kyoto University, Chairman of 5GMF
11:20 – 11:40	5G PPP research in relation to vertical sectors Werner MOHR, Nokia, Chair of the Board of the 5G Infrastructure Association (5GPPP)
11:40 – 12:00	5GMF Activities for 2020 and beyond in Japan Takehiro NAKAMURA, NTT Docomo, Acting Chair of Planning & Strategy Committee, 5GMF
12:00 – 12:20	Ericsson’s 5G perspective and initiatives globally and particularly for Europe Ludvig LANDGREN, Ericsson

12:20 – 12:40	Potential Security Threats to the 5G Network Ayumu KUBOTA, Network Security Laboratory, KDDI R&D Laboratories
12:40 – 13:00	Security / Privacy in 5G Emmanuel DOTARO, Thales
13:00 – 13:50	Lunch break - Buffet
Session 2	Enablers and key technologies - Radio Access / Moderator: Emmanuel DOTARO, Thales
13:50 – 14:10	An Approach Toward 5G for Coordinated Wireless Network Management Kentaro ISHIZU, Wireless Network Research Institute, NICT
14:10 – 14:30	New modulation techniques below 6 GHz Dominique NOGUET, CEA-Leti
14:30 – 14:50	5GMF Spectrum WG Activities - New spectrum opportunities (>6GHz) Yasushi IWANE, Mitsubishi Electric Corp., Sub-leader of Spectrum WG, 5GMF
14:50 – 15:10	Edge Cloud Sergio BARBAROSSA, University of La Sapienza
15:10 – 15:30	Radio Access Technology Takaharu NAKAMURA, Fujitsu, Acting Chair of Technical Committee, 5GMF
15:30 – 15:50	Small cells - The key enablers for future digitalised societies Matti LATVA-AHO, Oulou University
15:50– 16:20	Coffee Break
Session 3	Enablers and Key Technologies – Networks / Moderator: Akihiro NAKAO, University of Tokyo
16:20 – 16:40	Mobile Edge Computing technology and coordination with NFV in the view of 5G systems Dario SABELLA, TIM (Telecom Italia Group)
16:40 – 17:00	Network Function Virtualization - Software Defined Networking Takashi SHIMIZU, Network Innovation Laboratories, NTT
17:00- 17:20	The role of satellite in 5G: Vision and Enabling technologies Christophe NUSSLI, Thales Alenia Space & ETSI
17:20- 17:40	Information Centric Networking Thomas SILVERSTON, JFLI (Joint French-Japanese Lab on Informatics)
17:40- 18:00	Self-organised Networking Marceau COUPECHOUX, LTCI, Institut Mines-Telecom, Telecom ParisTech

Tuesday 9th

Side visits for the European representatives

Wednesday 10th February
Auditorium, Delegation of the European Union to Japan

Moderator: Yan-Tarō Clochard, Chargé de mission for Science and Technologies, Embassy of France in Japan

09:30	Opening of Registration
Session 4	Ongoing EU-Japan Collaborative Projects / Moderator: Emilio CALVANESE-STRINATI, CEA-Leti
10:00 – 10:20	H2020 and EU-JP coordinated calls & mechanisms Lee WOOLGAR, Delegation of the European Union to Japan and Yuki HIRANO, MIC
10:20 – 10:40	MIWEBA project Emilio CALVANESE-STRINATI, CEA-Leti
10:40 – 11:00	RAPID 5G project Hiroshi MURATA, Osaka University
11:00 – 11:20	GreenICN Atsushi TAGAMI, KDDI
11:20-11:50	Coffee break
Session 5	Standardisation / Moderator: Kohei SATOH, ARIB, Secretary General of 5GMF
11:50 - 12:10	5G spectrum regulations and harmonisation process Emmanuel FAUSSURIER, ANFR (French Agency of Frequencies)
12:10– 12:30	3GPP’s activities towards 5G standardisation Satoshi NAGATA, NTT DOCOMO, Chairman of 3GPP RAN1
12:30– 12:50	Industry’s views and strategy for 5G standardisation activities Takashi SHONO, Intel K.K
12:50– 13:10	5G standardisation activities in ITU-R Working Party 5D Yoshio HONDA, Ericsson Japan
13:10– 14:00	Lunch break

Session 6	Panel discussion: Challenges for an Efficient Implementation of 5G
<p>14:00 – 14:20</p> <p>14:20 – 14:40</p> <p>14:40– 15:40</p>	<p>Roadmap towards 5G testbeds in Europe Bernard BARANI, European commission, DG CONNECT</p> <p>Japan roadmap towards 5G for Tokyo 2020 Olympic and Paralympic games Yuji NAKAMURA, New-Generation Mobile Communications Office, Radio Department, Telecommunications Bureau, MIC</p> <p>Round table Moderator: Bernard BARANI, European commission, Yuji NAKAMURA, MIC Participants: Werner MOHR, 5GPPP, Dominique NOGUET, CEA-Leti, Emmanuel DOTARO, Thales Seiichi SAMPEI, Osaka University/5GMF, Takaharu NAKAMURA, Fujitsu, Takehiro NAKAMURA, NTT Docomo, Akira MATSUNAGA, KDDI</p>
15h40-16h00	<p><i>Wrap up:</i> Werner MOHR, 5GPPP and Kohei SATOH, 5GMF</p> <p><i>Closing remarks:</i></p> <p>Leonidas KARAPIPERIS, Minister - Counselor, Science and Technology Section, Delegation of the European Union to Japan Evelyne ETCHEBEHERE, Attachée for Science and Technologies, Embassy of France in Japan</p>

