



**3<sup>rd</sup> Annual ITU IMT-2020/5G Workshop  
& Demo Day – 2018**  
(Geneva, Switzerland, 18 July 2018)

# Introduction to the Workshop



**Dr. Rim Belhassine-Cherif**

Chief Services & Innovation Officer, Tunisie Télécom, Tunisia

ITU-T TSAG Vice-chairperson, SG13 & SG13 RG-AFR Vice-chairperson

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# IMT-2020/5G Workshops & Demo Days

7 December 2016

11 July 2017

18 July 2018

**FG IMT-2020  
Workshop and  
Demo Day:  
Wireline  
Technology  
Enablers for 5G**

**IMT-2020/5G  
Workshop and  
Demo Day**

**Third Annual ITU  
IMT-2020/5G  
Workshop  
& Demo Day –  
2018**

# Objectives of the Workshop



1

Give an overview of **SG13 standardization work** and future plan on **IMT-2020 wireline** as well as the **work and future plan of other ITU-T study groups** on this topic

2

Present the major **current and future activities of other groups** working on IMT-2020 standards, including SDOs, consortia and forums

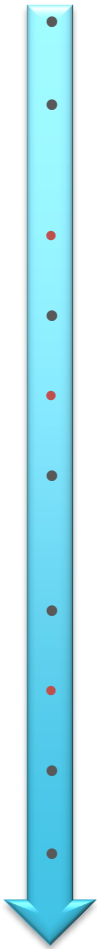
3

Present the **achievements and current activities of the industry** related to IMT-2020 infrastructure, applications and services as well as **potential future developments**

4


Demonstrate the IMT-2020 related **prototype** through a **Demo show session**

# Workshop's Program



9H00	• Opening Ceremony
9H20	• Session 1: IMT-2020/5G standardization (part 1): activities and future plan in ITU-T SGs
11H00	• <i>Tea/Coffee Break</i>
11H20	• Session 2: IMT-2020/5G standardization (part 2): activities in other Groups
13H00	• <i>Lunch</i>
14H00	• Session 3: Industry's achievements on IMT-2020/5G and potential future developments
15H20	• Session 4: IMT-2020/5G Demos and Proof of Concept (Part1)
16H40	• <i>Tea/Coffee Break</i>
17H00	• Session 5: IMT-2020/5G Demos and Proof of Concept (Part2): Live demos
17H40	• Future Steps in Network Development including 5G and beyond
18H10	

# Session 1

<b>Title</b>	<b>IMT-2020/5G standardization (part 1): activities and future plan in ITU-T SGs</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>❑ Present the main achievements and current activities of ITU-T Study Groups in IMT-2020 standardization</li> <li>❑ Give an overview on the ITU-T future plan in relation with IMT-2020 standards</li> </ul>
<b>Duration</b>	<b>1 hour &amp; 40 minutes</b> [9H20 – 11H00]
<b>Moderator</b>	<div style="display: flex; align-items: center;">  <div> <p><b>Dr. Leo Lehmann</b> ITU-T SG13 Chairman</p> </div> </div>

# Speeches in Session 1

1



**Dr. Hyungsoo (Hans) Kim**  
ITU-T SG13 Vice-chairman  
Korea Telecom, Rep. of Korea  
*IMT-2020/5G Standardization in ITU-T SG 13*

2



**Dr. Hiroshi Ota**  
ITU-T SG15 Counsellor  
*IMT-2020/5G related standardization in ITU-T SG15*

3



**Dr. Paolo Gemma**  
ITU-T WP2/5 Chairman  
Huawei, Italy

4



**Dr. Heung Youl Youm**  
ITU-T SG17 Chairman  
*5G security activities and future plan in ITU-T SG17*

5



**Dr. Shin-Gak Kang**  
ITU-T SG11 Vice-Chairman  
ETRI, Rep. of Korea  
*Standardization work of ITU-T SG11 on protocols for IMT-2020*



## Session 2

<b>Title</b>	IMT-2020/5G standardization (part 2): activities in other Groups
<b>Objective</b>	<ul style="list-style-type: none"> <li>❑ Present the major current and future activities of other groups working on IMT2020 standards including standards development organizations, consortia and forums</li> </ul>
<b>Duration</b>	1 hour & 40 minutes [11H20 – 13H00]
<b>Moderator</b>	 <p><b>Dr. Rim Belhassine-Cherif</b> ITU-T SG13 Vice-chairperson Tunisie Télécom, Tunisia</p>



# Speeches in Session 2

1



**Mr. Stephen Blust**

ITU-R WP 5D Chairman

*Update on ITU-R Working Party 5D  
Activities on IMT-2020*

2



**Mr. Yachen Wang**

ITU-T WP1/13 Vice-chairman  
China Mobile, China

*ONAP Beijing Release and future  
plan*



3



**Mr. Erik Guttman**

3GPP TSG SA Chairman  
Samsung Electronics

*5G standardization in 3GPP*

4



**Mr. Manuel Paul**

BBF Board Member & 5G  
Project Stream Lead

*5G Convergence: BBF 5G Work  
Overview and Status Update*

5




**Dr. Vinod Kumar**

Wireless World Research  
Forum (WWRF)

*WWRF: Moving from 5G Huddle  
Events to ITU Evaluation Group*

# Session 3

<b>Title</b>	<b>Industry's achievements on IMT-2020/5G and potential future developments</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>❑ Give an overview on the latest achievements of industry in relation with IMT-2020/5G infrastructure, applications and services</li> <li>❑ Discuss their vision on the future with focus on potential technical issues that could be addressed by standards</li> </ul>
<b>Duration</b>	<b>1 hour &amp; 20 minutes</b> [14H00 – 15H20]
<b>Moderator</b>	<div style="display: flex; align-items: center;">  <div> <p><b>Mr. Marco Carugi</b>            ITU-T SG13 Mentor</p> </div> </div>

# Speeches in Session 3

1



**Dr. Hyungsoo (Hans) Kim**  
ITU-T SG13 Vice-chairman  
Korea Telecom, Rep. of Korea  
*5G winter Olympic in Korea and  
way forward*

2



**Dr. Luca Pesando**  
WP1/13 Co-Chairman  
Telecom Italia, Italy  
*TIM deployment of 5G in Italian  
cities*



3




**Mr. Richard Li**  
Huawei United States  
*Towards a New Internet for the  
Year 2030 and Beyond*

4



**Dr. Wei Chen**  
ITU-T Q21/13 Rapporteur  
China Mobile, China  
*China Mobile 5G network slicing  
exploration*

# Session 4

<b>Title</b>	<b>IMT-2020/5G Demos and Proof of Concept (Part1)</b>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>❑ Give an opportunity to the industry stakeholders and other groups to present IMT-2020/5G demos and Proof of Concept which were already/still will be implemented</li> </ul>
<b>Duration</b>	<b>1 hour &amp; 20 minutes</b> [15H20 – 16H40]
<b>Moderator</b>	<div style="display: flex; align-items: flex-start;">  <div> <p><b>Mr. Simon Bugaba</b></p> <p>ITU-T SG13RG-AFR chairman, Q5/13 co-Rapporteur Uganda Communications Commission, Uganda</p> </div> </div>

# Speeches in Session 4

1



**Prof. Thomas Magedanz**

Fraunhofer FOKUS Institute,  
Germany

*Open5GCore enabling the fast  
Setup of local 5G-ready Testbeds*

2



**Mr. Asit Chakraborti**

Huawei Network Technology  
Laboratory, Santa Clara, USA

*Delivering heterogeneous services  
in ICN using Network Slicing*



3



**Dr. Konstantinos Alexandris**

Eurecom, France

*Mosaic-5G.io: Enabling Agile 5G  
Service Platforms*

4



**Dr. Antonio Clemente**

CEA-Leti, France

*5G trials in Pyeongchang and at  
CEA-Leti*




# Session 5: Live Demos

<b>Demo 1</b>	<b>Topic</b>	ICN based IoT Services in a network slice at the edge
	<b>Company</b>	Huawei Network Technology Laboratory, Santa Clara, USA
	<b>Exhibitors</b>	<input type="checkbox"/> Mr. Asit Chakraborti <input type="checkbox"/> Mr. Aytac Azgin

<b>Demo 2</b>	<b>Topic</b>	Deterministic IP
	<b>Company</b>	Huawei Technologies
	<b>Exhibitors</b>	<input type="checkbox"/> Dr. Bin Da <input type="checkbox"/> Mr. Zhe Lou <input type="checkbox"/> Mr. Zongxin Dou

<b>Demo 3</b>	<b>Topic</b>	Network Slicing with QoS support in 5G
	<b>Company</b>	Eurecom, France
	<b>Exhibitors</b>	<input type="checkbox"/> Dr. Konstantinos Alexandris <input type="checkbox"/> Mr. Robert Schmidt

# Closing Remarks

<b>Title</b>	Future Steps in Network Development including 5G & beyond
<b>Objective</b>	<input type="checkbox"/> Collect views and present visions on possible future developments related to telecommunications networks including 5G and beyond
<b>Duration</b>	30 minutes [17H40 – 18H10]
<b>Participants</b>	<div data-bbox="537 732 755 921">  <p><b>Dr. Leo Lehmann</b> ITU-T SG13 Chairman</p> </div> <div data-bbox="537 948 755 1136">  <p><b>Mr. Erik Guttman</b> 3GPP TSG SA Chairman Samsung Electronics</p> </div> <div data-bbox="537 1163 755 1352">  <p><b>Mr. Yachen Wang</b> ITU-T WP1/13 Vice-chairman China Mobile, China</p> </div>

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**Thank you for your Attention**



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ITU-T TSAG Vice-chairperson, SG13 & SG13 RG-AFR Vice-chairperson

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