



Regional Forum on Emerging Technologies

Tunis - Tunisia, 23-24 April 2019

Final Agenda

Day 1 (23 April 2019)	
08:30 – 09:00	Registration
09:00 – 09:15	Opening Session <ul style="list-style-type: none">• Welcome Remarks from the Host by Mr. Lassaad Hamzaoui, President, Instance Nationale des Télécommunications• Opening Remarks: Mr. Slaheddine Maaref, Senior Advisor, ITU Arab Regional Office• Opening remarks by H.E. Mr. Anouar Maarouf, <i>Ministre des Technologies de l'Information et de l'Economie Numerique-Tunisia</i>, presented by Mr. Sadok TOUMI, Chef du Cabinet of the Minister
09:15- 09:30	Keynote speech <ul style="list-style-type: none">• Key Note speech - Mr. Slaheddine Maaref, Senior Advisor, ITU Arab Regional Office• Introduction to the Forum
09:30 -11:00	Session 1: 5G / IMT 2020 <p>While 5G will follow in the footsteps of 4G, it is expected to be much more than just another generation of mobile connectivity. 5G will be the main platform for digitizing society and economy, by building on the convergence between mobile and fixed technologies, capable of delivering inclusive and highly customized services to a diverse range of users.</p> <p>Every industry will be affected by 5G, which will be the platform enabling growth in many industries, ranging from the IT industry to the automotive, entertainment, agriculture and manufacturing industries.</p> <p>The development of 5G will deliver significant societal benefits both in terms of new consumer services and in terms of opportunities of economic growth.</p> <p>In this regard, these topics and other aspects related to 5G challenges and opportunities will be discussed during this session.</p> Moderator



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	<p>M. Mohamed Hamdi, <i>Director - Elgazala Innovation Center, Elgazala Technopark, Tunisia</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> - Dr. Rim Belhassine, <i>Cherif, Directeur Central de le Stratégie et de l'Innovation, Tunisie Télécom, Vice-présidente du GCNT et de la CE13 de l'UIT-T</i> <i>"Normalisation des IMT-2020/5G : Travaux de l'UIT-T"</i> - Mr. Marco CARUGI, <i>ITU Expert</i> <i>"Distinguishing features - and high level requirements- - of 5G/IMT-2020 networks"</i> - Mohamed Radhi, <i>Senior Solution Manager – Huawei Tech Investment Co.LTD , Huawei</i> <i>"Open Innovative Business Horizon through 5G"</i> - Mr. Brahim GHRIBI, <i>Head of Government & Policy Affairs , Middle East & Africa, NOKIA ,</i> <i>"Unlocking the 5G Opportunity"</i> - Mr. Mohamed Tahar Missaoui, <i>Directeur des Etudes, SUP'COM Tunis ET Membre du college de l'INTT</i> <i>« 5G Deployment : Opportunities and Business Models"</i> - Mme Sihem Trabelsi, <i>Directrice centrale des communications électroniques, INTT,</i> <i>"5G mobile networks development: regulatory emerging issues"</i> <p>Q&A</p>
<p>11:00 -11:30</p>	<p>Coffee Break</p>
<p>11:30 – 13:00</p>	<p>Session 2: IoT/ Internet of Things: Toward a Smarter Living Style</p> <p>The concept of IoT is being promoted as a key enabler for paving the way to smart sustainable cities. Smart sustainable cities are able to reap the benefits of a secure Internet of Things infrastructure to create safer, more</p>



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efficient and environmentally conscious living corridors for the growing urban population.

This session will reimagine the implementation of the IoT paradigm and address the current challenges by creating countless smart and sustainable solutions for advantage of the future generations.

Moderator

M. Rafaa Houarbi, *Director – Tunisie Telecom*

Panelists:

- **Mr. Marco CARUGI**, *ITU Expert*
"Internet of Things: advances, perspectives and challenges in significant technical areas including standards"
- **Mr. Pedro Seixas**, *ITU Expert*
" Internet of Things Challenges and Issues"
- **Mme Asma Messaoudi**, *Directrice des Affaires Juridiques et du Contentieux, INTT, Tunisia*
"Internet Of Things : legal Issues "
- **Mr. Abderrazak HACHANI**, - *IoT Consultant & ITU Expert, and lecturer in ESPRIT, Tunisia*
"IoT as an enabler for a better life"
- **Mme Ferdaous Chaabane**,
Prof à SupCom/Consultante SAGEM, Tunisia
"LoRaWAN for IoT/AI: Applications in support of Societal Challenges"
- **Mr. Majed Khalfallah**, *Directeur Central SONEDE, membre de l'Association des professionnels de l'Open Source*
"La transformation digitale des opérateurs réseaux"

Q&A



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13:00 – 14:00	Lunch & Networking Break
14:00 -15:30	<p>Session 3: Big Data Analytics</p> <p>The huge volumes of generated data from different classical and new sources, and the need to analyze them and deduct value in shorter times have given rise to big data technologies and data science techniques. This has also been accompanied by severe transformations in the business and industries that necessitate new strategies throughout the whole value chain; business model innovation, organization structure as well as governance.</p> <p>This session will shed light on the following:</p> <ul style="list-style-type: none">• Technology trends in big data and data science• Big data case studies in different developmental projects and verticals• The big data transformations• New opportunities from government data• Startups experience in big data: success story, challenges and transformations <p>Moderator</p> <p>Panelists:</p> <ul style="list-style-type: none">- Mr. Pedro Seixas, <i>ITU Expert</i> "Big Data a Competition Perspective"- Mr. Marco CARUGI, <i>ITU Expert</i> "Big Data trends: application domains, technologies and standardization"- Mr. Mohamed Hamdi , <i>Director - Elgazala Innovation Center, Elgazala Technopark, Tunisia</i> "Big Data: Trends & Challenges" <p>Q&A</p>



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Day 2 (24 April 2019)	
08:50 – 9:00	Brief summary of Day 1 discussion & programme of day 2
9:00 – 10:30	<p>Session 4: Cloud Computing</p> <p>Today the reality is that just like how electricity is provided to the user by the grid, computing power and storage are provided by the cloud.</p> <p>It is foreseen that in the near future, applications of cloud computing in sectors like education, health or governmental services will be mainstream.</p> <p>The benefits of this are numerous but so are the challenges particularly in developing countries.</p> <p>This session will explore the opportunities, benefits and challenges that may face the deployment of cloud computing in development fields. Global and regional best practices will be presented.</p> <p>Moderator Dr. Rim Belhassine, <i>Cherif, Directeur Central de le Stratégie et de l'Innovation, Tunisie Télécom, Vice- présidente du GCNT et de la CE13 de l'UIT-T</i></p> <p>Panelists:</p> <ul style="list-style-type: none">- Mr. Slaheddine Maaref, <i>Senior Advisor, ITU Arab Regional Office, "Report on Cloud Computing in Arab region"</i>- Dr. Mohamed Jemni, <i>Director of Information and Communication Technologies, ALECSO "Promoting Cloud Computing Technologies for Education in the Arab Region"</i>



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	<ul style="list-style-type: none"> - Mr. Ali YAHIAOUI, <i>Consultant International Expert TIC, Ex-Fonctionnaire International, Banque Africaine de Développement</i> "Le Cloud et les services publics en Afrique" - Mrs. Manal Medhioub, <i>Dr. Ing en informatique Technologue, Chef département Tronc commun., Responsable Esprit Cloud Team, ESPRIT, Tunisia</i> "Opportunities and challenges of Cloud Computing in higher education field" <p>Q&A</p>
10: 30- 11:00	Coffee Break
11:00 – 12:30	<p>Session 5: AI / Artificial Intelligence:</p> <p>The future will see large parts of our lives influenced by Artificial Intelligence (AI) technology. Machines can execute repetitive tasks with complete precision, and with recent advances in AI, machines are gaining the ability to learn, improve and make calculated decisions in ways that will enable them to perform tasks previously thought to rely on human experience, creativity, and ingenuity.</p> <p>AI innovation will be central to the achievement of the United Nations' Sustainable Development Goals (SDGs) by capitalizing on the unprecedented quantities of data, now being generated on sentiment behavior, human health, commerce, communications, migration and more.</p> <p>This session will provide a platform for government, industry and academia to discuss and build a common understanding of the capabilities of emerging AI technologies and consequent needs for capacity building and policy guidance.</p>



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	<p>Moderator M. Kamel Rezgui, <i>Prof., Sup'Com, membre du Collège de l'INTT, Tunisia</i></p> <p>Panelists:</p> <ul style="list-style-type: none">- Mr Vishnu Ram OV, <i>Consultant Technique chez le régulateur Indien TRAI, membre du Focus group du SG13 de l'UIT-T sur la Machine Learning for Future Networks (Remotly)</i> "Standards and architecture approaches for ML in future networks"- Mr. Pedro Seixas, <i>ITU Expert</i> "Artificial Intelligence Ethical Guidance"- Prof. Maledh Marrakchi, <i>Directeur – Law and Business School</i> "Intelligence Artificielle: promesses et défis"- Prof. Ridha Hamila, <i>Department of Electrical Engineering, Qatar University (Remotly)</i> "Machine Learning and its application in 5G" <p>Q&A</p>
12:30 -13:30	Wrap up & Closing
13:30 – 14:30	Lunch