



Regional Workshop on Emerging Technologies

Algiers, Algeria

14-15 February 2018

<u>Day 1</u>	
8.30 – 9.00	Registration
9.00 - 9.30	- Opening and Welcome - Introduction to the Workshop and its objectives
9.30 – 9.45	Briefing on the Outcomes of the World Telecommunication Development Conference (WTDC 2017)
9.45 – 10.00	Keynote speech
10.00 - 10.30	Coffee Break
10.30 – 12.30	<p>Session 1 : 5G / IMT 2020</p> <p>The future of mobile communications is likely to be very different to today's uses and applications.</p> <p>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>The development of 5G will deliver significant societal benefits in terms of both new This session will address 5G standardization priorities, the challenges for 5G fixed-mobile convergence, milestones and approach from the perspective of governments, operators and related industrial associations and fora.</p>
12.30 -14.00	Lunch
14.00 – 16.00	<p>Session 2 : Internet of Things</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 efficient and environmentally conscious living corridors for the growing urban population.</p> <p>This session will reimagine the implementation of the IoT paradigm and address the current urban challenges by creating smart and sustainable solutions for advantage of the future generations.</p> <p>Main Discussion Points:</p> <ul style="list-style-type: none"> - Adopting the IoT Paradigm: Challenges and Opportunities - Fostering IoT innovation in smart sustainable cities

	<ul style="list-style-type: none"> - Resilience of the IoT Infrastructure in smart sustainable cities - Impact of IoT on Development in the Arab region
16.00 – 17.00	Wrap up Day 1 & General Discussions
<u>Day 2</u>	
9.00 – 10.30	<p>Session 3 : Cloud Computing & Big Data</p> <p>Just like how electricity was generated locally and now it is provided to the user by the grid, it seems like we are heading towards a future where computing power and storage will be provided by the cloud.</p> <p>In another hand, the huge volumes of data generated 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.</p> <p>This session will explore the opportunities, benefits and challenges that may face the deployment of cloud computing. Global and regional best practices will be presented. This session will also shed the light on the trends in big data and data science as well as new opportunities from government data.</p>
10.30-11.00	Coffee Break
11.00 –12.30	<p>Session 4 : Experiences, Success Stories and Challenges</p> <p>During this session, participants and lecturers will exchange experiences in different countries.</p> <p>Best practices and success stories will be presented.</p> <p>Challenges as well as the difficulties encountered will be shared and recommendations will be formulated.</p>
12.30 – 13.30	Wrap up and Closing
13.30- 14.30	Lunch