

**ITU Workshop on "Future Trust and Knowledge
Infrastructure" Phase 2
(Geneva, Switzerland, 1 July 2016)**

Introduction to the Workshop

Dr. Rim Belhassine-Cherif

Products and Services Executive Director, Tunisie Télécom


SG13 Vice-chair & SG13 RG-AFR Vice-chair

Convener of the Workshop's Steering Committee

Rim.belhassine-cherif@tunisitelecom.tn



At a Glance

Theme	Future Trust and Knowledge Infrastructure - Phase 2
Date	1 st July 2016
Venue	ITU Headquarters, Geneva, Switzerland
Organized and hosted by	The International Telecommunication Union (ITU) 
Context	Continuation of the one-day workshop, held on 24 April 2015 at ITU Headquarters, on "Future Trust and Knowledge Infrastructure, Phase 1"
Target Audience	From non-experts curious about the topic to specialists able to assist in developing various aspects of the new concept



Objectives of the Workshop

- 1 Review the strategic and technical priorities for future ICT infrastructure and services from Trust perspective
- 2 Provide a Tutorial on the concept of Trust and Trust Provisioning for ICT infrastructure and Services
- 3 Raise awareness regarding key technical, policy and governance issues in order to make ICT Infrastructure and services trustworthy
- 4 Provide an overview on Trust standardization landscape and the work of ITU in this field while identifying priorities for future standards development work for the next study period



Workshop's Program

- 9H00 • Opening Session
- 9H45 • Sessions 1: Requirements and Priorities on Future Trust and Knowledge Infrastructure and Services
- 11H10 • *Coffee Break*
- 11H30 • Session 2: Overview on Trust in ICT infrastructure and services
- 12H20 • *Lunch Break*
- 13H20 • Session 3: Key Issues Towards Trustworthy ICT Infrastructure and Services
- 15H00 • *Coffee Break*
- 15H20 • Session 4: Landscape and Working Priorities for Standardization on Trust
- 17H00 • Panel Discussion: Action Plans for Future ICT Infrastructure
- 17H50 • Closing Session

Session 1	
Title	Requirements and Priorities on Future Trust and Knowledge Infrastructure and Services
Objective	Review the major requirements and priorities on Future Trust and Knowledge Infrastructure and services considering the needs of diverse industry sectors
Duration	1 hour & 25 minutes [9H45 – 11H10]
Moderator	 <p>Mr. Marco Carugi Rapporteur Q2/13 & Q2/20</p>

List of Speeches in Session 1

1



Prof. Jun Kyun Choi

KAIST, Korea

*New Value Chains and Technical Issues for Future
Trusted Information Infrastructure*

2



Dr. Corinna Schmitt

UZH

The Quest for Privacy

3



Mr. Zoltán Précsényi

Symantec

The Foundation of Trust: Technological Integrity

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Session 2	
Title	Overview on Trust in ICT infrastructure and services
Objectives	<ul style="list-style-type: none"> <input type="checkbox"/> Define and introduce the Trust concept <input type="checkbox"/> Summarize the results of previous workshop (Phase 1) on Trust <input type="checkbox"/> Discuss several aspects of Trust Provisioning in ICT infrastructure and services while providing use cases related to ICT applications and services
Duration	50 minutes [11H30 – 12H20]
Presenter	<div style="display: flex; align-items: center;">  <div> <p>Dr. Gyu Myoung Lee LJMU, UK/KAIST, Korea</p> </div> </div>

Session 3	
Title	Key Issues Towards Trustworthy ICT Infrastructure and Services
Objective	Give an overview on the technical, policy and governance issues in order to make ICT Infrastructure and services trustworthy
Duration	1 hour & 40 minutes [13H20 – 15H00]
Moderator	 <p>Mr. Mark Jeffrey Rapporteur of Question 19/13</p>

List of Speeches in Session 3

1



Dr. Sherif Guinena

SG2 Chairman

Key Trust issues Related to NNAI & Services

2



Dr. Emil Kowalczyk

Orange Polska

Trusted Inter-Cloud Challenges

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Dr. Woojik Chun

KAIST, Korea

Trustworthy Communication Infrastructure: Principles & Framework

4



Prof. Minzheong Song

Hansei University, Korea

Trust embedded business model of Online Service Network (OSN)

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Session 4

Title	Landscape and Working Priorities for Standardization on Trust
Objective	Identify possible new work items related to trust, that can be proposed for the next study period
Duration	1hour & 40 minutes [15H20 – 17H00]
Moderator	 <p>Dr. Gyu Myoung Lee LJMU, UK/KAIST, Korea</p>

List of Speeches in Session 4

1



Dr. Jean-Marc Seigneur

Geneva University, Switzerland

From weak online reputation metrics to standardized attack-resistant trust metrics

2



Dr. Daisuke Miyamoto

University of Tokyo, Japan

Introduction to X.cogent by Q4/SG17, A Design Consideration for Trustworthiness Indicators

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Dr. Abbie Barbir *

Rapporteur of Q10/17

Trust Elevation Frameworks

(* Presented by **Mr. Martin Euchner**,
TSB/ITU



4



Mr. Frank Van Outvorst

ISO/IEC JTC1/SC40 / ASL BiSL Foundation

The SC40 Perspective on Trust

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ISO/IEC JTC1/SC40 / ASL BiSL Foundation

The SC40 Perspective on Trust

Panel Discussion: Action Plans for Future ICT Infrastructure

<p>Objectives</p>	<ul style="list-style-type: none"> ❑ Summarize the key issues discussed in each session ❑ Discuss possible new items for Trust standardization in order to guide future ITU-T standardization work in the next study period. The action items will include goals for ITU-T collaboration and coordination with other relevant bodies
<p>Duration</p>	<p>50 minutes [17H00 – 17H50]</p>
<p>Moderator</p>	<div style="display: flex; align-items: center;">  <div> <p>Dr. Bilel Jamoussi Chief, Study Groups Department, ITU-T</p> </div> </div>

Panel's Participants



Dr. Corinna Schmitt

UZH



Prof. Jun Kyun Choi

KAIST, Korea



Mr. Mark Jeffrey

*Rapporteur of
Question 19/13*



Dr. Gyu Myoung Lee

LJMU, UK/KAIST, Korea



Mr. Yoshinori Goto,

SG13 Vice-chairman



Mr. Marco Carugi


*Rapporteur Q2/13 &
Q2/20*



Mr. Frank Van Outvorst

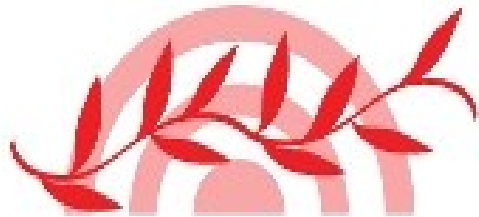
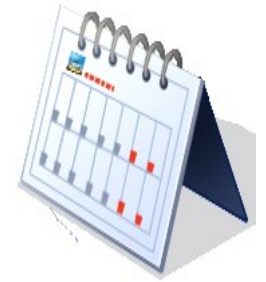
*ISO/IEC JTC1/SC40 / ASL
BiSL Foundation*

Closing Session

Objective	Closing of the workshop
Duration	10 minutes [17H50 – 18H00]
Responsible	 <p>Dr. Rim Belhassine-Cherif Convener of the Workshop's steering Committee Tunisie Télécom, Tunisia</p>



Mark your Calendar!



Yasmine Hammamet, Tunisia

25/10/2016 – 03/11/2016

*Preceded by the Global Standards Symposium on **24 October 2016***



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Thank you for your Attention

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