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|  | **ITU-TRCSL Symposium on****Cloud Computing****Colombo, SRI LANKA****28-30 July 2015** | **F:\My Documents\My Pictures\My Pictures\trc Logo.png** |
| **AGENDA**  |

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| Day 1: 28 July 2015 |
| 08:30 - 09:30 | Registration  |
| 09:30 - 10:00 | Opening CeremonyWelcome Remarks:**Mr. M M Zuhair PC, Director General, TRCSL, Sri Lanka** |
| 10:00-10:30 | **Keynote Address:** ICT Growth Trends &Cloud Computing.**Mr. Sameer Sharma,** Senior Advisor, ITU Regional Office, Asia-Pacific |
| 10:30 - 11:00 | **Tea Break** |
| 11:00 - 12:30 | **Session 1 – Introduction to Cloud Computing Technologies****Moderator: Mr. Sameer Sharma , ITU** Session 1aims to provide introduction to Cloud Computing evaluation, Cloud Services, adoption and standards as follows:* History, evolution and future of cloud computing
* Cloud actors, cloud service models and deployment models
* Cloud adoption and migration strategies
* Cloud computing standards acceleration, current focus

and progress**Speakers : Dr. Ruan HE, France Telecom Orange****Dr. K B N Ratnayake, Faculty of Engineering,** **University of Peradeniya** |
| 12:30 - 14:00 | **Lunch Break** |
| 14:00 - 15:30 | **Session 2 –Cloud Computing Foundation and Requirements****Moderator:**  **Dr. Syed Ismail Shah, Chairman, PTA, Pakistan**Session 2 will provide overview of cloud computing from standardization point of view along with core terms and definitions related to cloud computing. Furthermore this session will describe the cloud computing framework by identifying high-level requirements and concepts for cloud computing infrastructure. Additionally, the functional requirements of DaaS (Desktop as a Service), IaaS (Infrastructure as a Service) and NaaS (Network as a Service) will be introduced.**Speakers : Mr. Chris Foo, Principle Architect, Huawei** **Mr. Saman Perera, Senior General Manager,** **Information Systems, Mobitel Pvt. Ltd.** |
| 15.30-16.00 | **Tea Break** |
| 16.00-17.30 | **Session 3 – Architecture, Management, Cloud Interoperability, Security and Data Protection****Moderator: Dr. Ruan HE, France Telecom Orange**Session 3 aims to highlight the main achievement in technologies and standards related to Cloud computing. Cloud reference architecture, management framework and inter-cloud framework, virtual format and management Interface will be introduced in this session. Additional experiences and success stories related to implementation of these new technologies and standards will also be presented.**Speaker : Dr. Ruan HE, France Telecom Orange** **Mr. M I Deen General Manager, Enterprise Solutions, Sri Lanka Telecom** **Mr. Jayaraj Sayanthan , Lead Engineering Manager**  **IDC and Cloud, Dialog Axiata PLC** |
| Day 2: 29 July 2015 |
| 09:00 - 10:30 | **Session 4 –Big Data Strategy in the Cloud and Applications****Moderator:**  **Mr. Yogesh Jiandani, CTO, GSP India and SAARC**Session 4 covers these areas:* Development of smart cities: optimize bus routes, time tables, traffic light systems, etc.
* Development of a national cloud for health services: Store medical reports and records, provide data for medical research, connect hospitals, etc.

**Speaker : Mr. Yogesh Jiandani, CTO, GSP India and SAARC** **Mr. Kiththi Perera, Chief Wholesale and Enterprise Officer Sri Lanka Telecom PLC.** **Mr. Imran Vilcassim, Country Manager, Microsoft.** |
| 10:30 - 11:00 | **Tea Break** |
| 11:00 - 12:30 | **Session 5 - How Big Data and Cloud computing aspects can be utilized?****Moderator: Mr. Gus O’ Brien, Principle Architect, Huawei**Session 5 covers the following topics:* Development of a national cloud for e-learning: Processing-intensive software in the cloud - can be accessed from low-cost low-power tablets; learning resources in the cloud; monitor students in a national level; allocate resources among schools in a more intelligent manner using Big Data analysis.
* Development of a national cloud for e-Agriculture services: Farmers can access to information such as crop prices, fertilizer offers, etc. through kiosks in community centers; connect to agriculture experts; data can be gathered to perform Big Data analysis on agriculture related issues, etc.

**Speakers : Mr. Gus O’ Brien, Principle Architect, Huawei** **Mr. Udaka Kappagoda, Manager –IN and Data Services, Bharti Airtel Lanka (Pvt) Ltd.****Mr. Imran Vilcassim, Country Manager, Microsoft.** |
| 12:30 - 14:00 | **Lunch Break**  |
| 14:00 - 15:00 | **Session 6- Mobile Cloud Computing and Regulatory Issues****Moderator:**  **Dr. Syed Ismail Shah, Chairman, PTA, Pakistan**Session 6 covers the following areas:* How the combination of cloud computing, mobile computing and wireless networks can bring rich computational resources to mobile users, network operators, as well as cloud computing providers.
* Introduction to wireless infrastructure cloud providers and managed services
* Understand wireless and mobile security risks
* Regulatory issues and challenges and how regulators are planning to address it

**Speakers : Dr. Syed Ismail Shah, Chairman, Pakistan Telecommunication Authority (PTA), Pakistan****Dr. Chamitha de Alwis, Faculty of Engineering and Technology, University of Sri Jayewardenepura, Sri Lanka****Mr. Jaanaka Samarakone, Head Legal and Regulatory, Bharti Airtel Lanka (Pvt) Ltd.**  |
| 15:00 - 15:30 | **Tea Break** |
| 15:30 - 17:00 | **Session 7 – Green Cloud Computing**Session 7 covers the following:* How to operate energy efficient cloud computing systems (e.g. Green Data Centres).
* How to increase the energy efficiency and minimize carbon foot print by utilizing cloud computing technologies: cloud servers, cloud storage, etc.

**Speaker : Dr. Syed Ismail Shah, Chairman, PTA, Pakistan** |
| Day 3: 30 July 2015 |
| 09:00 - 10:30 | **Session 8 - How to start new and innovative Cloud Computing Industries : SMEs****Moderator:**  **Mr. Mohan Jayasekera, Director Policy, International Relations & License Administration, TRCSL**Session 8 discusses the following topics:* What are cloud based apps and services that can be delivered by SMEs
* Case Studies –Sri Lankan Cloud

**Speakers : Prof. Gihan Dias, Faculty of Computer Science, University of Moratuwa "A Sri Lankan Cloud"****Dr. Syed Ismail Shah, Chairman, Pakistan Telecommunication Authority (PTA), Pakistan****Dr. Chamitha de Alwis, Faculty of Engineering and Technology, University of Sri Jayewardenepura, Sri Lanka** |
| 10:30 - 11:00 | **Tea Break** |
| 11:00 - 12:20 | **Session 9: Expertise Sharing and Assistance****Moderator: Mr. Sameer Sharma, Senior Advisor, ITU**Session 9 covers the following:* Role of TRCSL
* Role of Industry
* Role of International organizations e.g. ITU
* Role of Academia

**Speakers : Dr. Ruan HE, France Telecom Orange (TBC)****Dr. Syed Ismail Shah, Chairman, Pakistan Telecommunication Authority (PTA), Pakistan** |
| 11:00 - 12:30 | **Closing*** **Mr. Sameer Sharma, Senior Advisor, ITU**
* **Mr. M M Zuhair PC, Director General , TRCSL**
* **Mr. Mohan Jayasekera, Director Policy, International Relations & License Administration, TRCSL**
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| 12:30 - 14:00 | **Lunch Break** |