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| **Training on**  **PLANNING INTERNET OF THINGS (IoTs) NETWORKS**  **25 – 28 September 2018**  **Bandung - Indonesia**  **TRAINING OUTLINE** |

**COURSE DESCRIPTION**

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| **Title** | Training Program on “Planning Internet of Things (IoTs) networks” |
| **Method of delivery** | Face-to-Face |
| **Objectives** | * Understand the process and new approaches to plan future IoT networks: * Learn the implementation of   + Spectrum and Policy issues related to IoT network planning   + IoT technology and architectures   + IoT technology presentation and roadmap   + IoT technology strategy and application in Smart Sustainable City |
| **Dates and Venue** | 25 – 28 September 2018, Bandung - Indonesia |
| **Registration deadline** | 5th September 2018 |
| **Additional details**  (*for updates kindly visit the event webpage*) | * **Tuition Fees:** **Free of cost**. No tuition charge for this training course however participant are expected to cover their travel, accommodation and other personal expenses during the period of the course. * **Language of instruction**: English |

**TARGET POPULATION**

This training is designed to develop technical capacity of mid to senior level management from policy makers, regulators, corporate executives and managers responsible for technical planning of future IoT and IMT networks.

**TUTORS/INSTRUCTORS**

The detailed profile of the instructors can be accessed from the event webpage at <http://www.itu.int/en/itu-d/regional-presence/asiapacific/pages/events/2018/iot-bdg/main.aspx>.

**TRAINING SCHEDULE AND AGENDA**

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| Day 1- 25 September 2018 (0900 – 1745) | |  |
| 08:00-09: 00 | Registration | |
| 09:00-  10:00 | Opening Remarks  Opening ceremony  Group Photo | |
| 10:00-10:45 | **Session 1: Planning IoT Networks: Overview of the Ecosystem**  **Objective**: To introduce an overview of IoT and IMT ecosystem with emphasis on the spectrum availability and suitability | **Aamir** |
| 10:45-11:00 | Break | |
| 11:00  12:00 | **Session 2: IoT technology and architectures**  **Objective:** Short range and long range IoT standards and architecture. State of Art in the world. | **Sami** |
| 1215-1330 | Lunch Break | |
| 1330-15:00 | **Session 3: IoT technology presentation and roadmap**  **Objective**: To present the technology along with current status in the world (networks, operators, services, devices, roadmap …) | **Mr Ismail – DG of SDPPI** |
| 1500-1515 | Break | |
| 15:45-16:45 | **Session 4: IoT network development roadmap – Working Group Presentations**  **Objective**: To present the IoT roadmap developed by working groups through Session 3. | **Sami and Aamir to lead with support from other** |
| Day 2 - 26 September 2018 (9:00 AM – 17:00 PM) | | |
| 9:30-10:45 | **Session 5: Planning IoT Networks: *Policy Issues***  **Objective**: To provide an overview of wireless broadband ecosystem including drivers, policy, regulations, challenges others. | **Ismail** |
| 10:45-11:00 | Café-Break | |
| 11:00-12:15 | **Session 6: IoT technology strategy and application in Smart Sustainable City**  **Objective**: To present the technology along with current status in the world with emphasis on how the IoT helps in building the smart cities | **Mr. Suhono Harso** |
| 12:15-14:00 | Lunch Break | |
| 14:00–16:00 | **Session 7: IoT Standards**  **Objective:** Session would discuss the standardization activities undertaken around IoT ecosystem enablers | **Sami** |
| 16:00-16:15 | Break | |
| 16:15-17:00 | **Session 8: Planning IoT Networks: *Threat, Issues and Challenges***  **Objective:** To focus on the issues that need to be considered in planning an IoT network | **Nizar** |
| Day 3 – 27 September 2018 Visit IoT SMEs (9:00 AM – 17:00 PM) | | |
| 9:30-10:45 | **Session 9: Planning IoT Networks: *Platform and IoT Securities***  **Objective**: To give an industry perspective of the planning of Iot netwrok while taking into account the vulnerabilities and threats to the whole ecosystem | **Gildas Deograt** |
| 10:45-11:00 | Break | |
| 11:00-12:15 | **Session 10: Planning IoT Networks:  *Privacy and Secuirty aspects***  **Objective**: To present the technology along with current status in the world (networks, operators, services, devices, roadmap | **Nizar** |
| 12:15-14:00 | Lunch Break | |
| 14:00–16:00 | **Session 11: Working Group Exercise** | **Sami/Nizar/Ismail** |
| 16:00-16:30 | Closing | |
| Day 4 – 28 September 2018 Visit IoT SMEs (9:00 AM – 17:00 PM) | | |

**TRAINING COORDINATION**

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| **MCIT Focal point:**  Mr. Brian Dipta Pratama ([bria001@kominfo.go.id](mailto:bria001@kominfo.go.id))  Tel: +62 21 3835840  Fax: +62 21 383 5845 | **ITU coordinator:**  Mr Andreas Chirstiono ([andreas.christiono@itu.int](mailto:andreas.christiono@itu.int) )  Tel. +62 21 380 2321 / 380 2324  Fax +62 21 3890 5521 |

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