



Dr.-Ing. Rahamatullah Khondoker
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Tutorial Title: Security by Software Defined Networking (SDN)

Duration: 2 Hours

Goal:

The aim of this session is to assist communication network researchers especially those who are located in Bangladesh by providing theoretical background and hands-on on Software-Defined Networking (SDN) and OpenFlow capabilities i.e., automatic detection and mitigation of network attacks.

Short Biography:

Since January 2013, Dr.-Ing. Rahamatullah Khondoker is working as a Researcher in Fraunhofer Institute for Secure Information Technology (Fraunhofer SIT) located in Darmstadt, Germany. He is also affiliated as a Lecturer at the department of Computer Science in TU Darmstadt, Germany. Before that, he worked as a Researcher and Lecturer at the department of Computer Science in TU Kaiserslautern, Germany. From this university, he completed Doctor of Engineering (Dr.-Ing.) in Computer Science with the topic

“Description and Selection of Communication Services for Service Oriented Network Architectures”. Before that, He completed M.Sc. in Computer Science degree from University of Bremen, Germany. He received several awards until now. He was selected as a top 10 researcher in 2015 by the academics.de Germany. He was awarded from Ericsson, Germany in the year 2008 and from the FIA Research Roadmap group in October 2011. On 8th July 2015, he completed "University Teaching Certificate" course from TU Darmstadt, Germany. He worked with the DFG project (PoSSuM), BMBF projects (G-Lab, G-Lab DEEP, FutureIN, IUNO - an Industrie 4.0 project), EU projects (PROMISE, EuroNF, PRUNO), and several industry projects. Currently, he is focusing on the security of Future Internet Architectures, Software-Defined Networking (SDN), and Network Function Virtualization (NFV).