

MR. RASHED SHELMIM

Senior Lecturer & On Leave

MS in Telecommunication Engineering, RWTH Aachen University, Germany

BS in Electronics and Telecommunication Engineering, North South University, Dhaka, Bangladesh

Office hours:

ST 10:20 AM – 11:20 AM,

MW 1:00 PM – 2:40 PM,

Email: rashed.shelim@northsouth.edu

Research Areas

- Broadband Access and Communication Technologies
- Mobile, Wireless and Web Applications Development
- RF, Microwave and Communication Technology

Research Interests

- Millimeter-wave
- Small cell and Massive MIMO
- Relay Network
- Cognitive Radio
- Ultra Wide Band Communication Systems
- Channel Coding
- MIMO-OFDM

Teaching

- CSE 115 Programming Language I
- CSE 115L Programming Language I Lab
- ETE 424 Mobile and Wireless Communication System
- ETE 424L Mobile and Wireless Communication System Lab
- EEE 331 Data Communications & Networks

Selected Publications

Journals

- R. Shelim, M. A. Matin and A.U. Alam, "Performance Analysis of High-Rate Full

Diversity Space Time Frequency/Space Frequency Codes for Multiuser MIMO OFDM,” WSEAS Transactions on Communications, ISSN: 1109-2742, vol. 13, no.2,pp. 51-61, 2014

- R. Shelim, M. A. Matin and A.U. Alam, “A Systematic Design of High-Rate Full-Diversity Space-Frequency Codes for Multiuser MIMO-OFDM System,” WSEAS Transactions on Communications, ISSN: 1109-2742, vol. 12, no.4, , 2013
- R S Topu, A Alam, M A Matin, “High-Rate Full-Diversity Space-Time-Frequency Code for Multiuser MIMO-OFDM Systems over Frequency Selective Multiple Access Channels,” Journal of Convergence Information Technology (JCIT), South Korea,vol.6,no.8, pp. 8-22, (Scopus Indexed), 2011
- T Farah, R Shelim, M Zaman, MM Hassan, D Alam, “Study of a Privilege Escalation Vulnerability in UNIX like system: Race Condition,” Journal of Systemics, Cybernetics and Informatics, JSCI (scopus indexed), 2018

Conference Papers

- R S Topu, A Alam and M A Matin, “High-rate full-diversity multiuser space- frequency codes,” ICCIT 2010 Proceedings, Nov. 30-Dec.2, Korea, pp.411-416., 2010
- Farah, T., Shelim, R., Zaman, M., Hassan, M. M., & Alam, D, “Study of race condition: A privilege escalation vulnerability,” WMSCI 2017 – 21st World Multi- Conference on Systemics, Cybernetics and Informatics (Scopus Indexed), 2017

Professional Activity

Research Assistant

Organization

Department

From

: P3 Communications

: Network Optimization (3G,LTE)

: April 23, 2013

To

: March 31, 2015

Core Network Engineer, Packet Switching

Organization

Department

From

To

: Huawei Technologies (Bangladesh) LTD

: Network Integration Service Department (PS-Core)

: November 3, 2011

: June 30, 2012