

Gastvorlesungen/-vorträge

Sehr geehrte Studierende, Promotionsstudierende, Mitarbeiterinnen und Mitarbeiter, Professorinnen und Professoren,

wir haben Herrn **Dr. Minh Nguyen** von der Thai Nguyen University of Technology, Vietnam zu Gast im Rahmen des DAAD-ERASMUS+-Programms. Er wird in einem Umfang von etwa 3 Vorlesungen à 90 Minuten zu den Themen vortragen:

„Introduction to wireless sensor networks“,
„General data collection methods for wireless sensor networks“,
„Compressive sensing“, and
„Data collection methods utilizing compressive sensing“

Mo., 08.10.2018, 9:00 – 10:30 und 11:00 – 12:30 Uhr,

Di., 09.10.2018, 9:00 – 10:30 Uhr, jeweils Meitnerbau 1.1.102/103



Dr. Minh Nguyen is a full-time lecturer and researcher in the Faculty of International Training at Thai Nguyen University of Technology, Thai Nguyen, Vietnam. He is the director of the International Training and Cooperation Center of the same university. He received the bachelor degree (5 year program) at Hanoi University of Communications and Transport, the master degree in electrical engineering at Academic Military Institute, Hanoi, Thai Nguyen University of Technology and Hanoi University of Technology, respectively. From 2010 to 2015 he was a PhD student at Grad Research Associate at ECEN, Oklahoma State University, Stillwater, OK, USA. and received the PhD degree in electrical engineering (GPA 3.9/4.0). His main research interests are: Wireless Communications,

Wireless/Mobile/ Adhoc Sensor Networks, Compressive Sensing, Optical Wireless Communications, Cognitive Radio.

Topics of his presentations:

1. Introduction to wireless sensor networks: sensors, networks and applications in different fields
2. General data collection methods for wireless sensor networks
3. Introduction to a new data processing technique: Compressive sensing – The technique offer to compress and reconstruct data with very low sampling rate compare to the one with Nyquist – Shannon.
4. Data collection methods utilizing compressive sensing: a combination between the traditional methods and new algorithm while collecting data in wireless sensor net-works.

Sie sind herzlich eingeladen, an diesen Gastvorlesungen/-vorträgen teilzunehmen!