Dr. Vu Quang Minh
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Job Titles

Lecturer, Faculty of Telecommunications, Posts and Telecommunications Institute of Technology, Vietnam

Education and Qualifications

- 2013-2018: Engineering Degree in Electronics and Communications at Posts and Telecommunications Institute of Technology (PTIT), Hanoi, Vietnam.
- 2018–2020: Master Degree in Computer Science and Engineering, The University of Aizu, Japan.
- 2020–2023: Doctoral Degree in Computer Science and Engineering, The University of Aizu, Japan.

Job Experiences

- 2018-2023: Research Assistant and Teaching Assistant at The University of Aizu, Japan.
- 2023–present: Lecturer at Posts and Telecommunications Institute of Technology, Vietnam.

Teaching Experiences

- Undergraduate Program in Electronics and Telecommunications Engineering:
  - TEL1407 - Fundamentals of Wireless Communications
  - TEL1421 - Signal Propagation and Antennas

Research (over the last 5 years)

Research Interests

- Optical wireless communications (FSO): systems design, channel modelling, and performance analysis
- Enabling technologies and techniques for next-generation wireless networks
- Quantum Key Distribution

Research Projects

- Design of Underwater Visible Light Communications/Quantum Key Distributions Systems. No. 04-2024-HV-VT1. Role: Project Manager. Year: 2024. University Project
- Research on quantum communication technology for high-security

requirements in 6G mobile networks. Grant No. DT.26/23. Role: Project Member. Year: 2023. Ministry Project

Journal/Conference Publication

- Minh Q. Vu, Hoang D. Le, Thanh V. Pham, and Anh T. Pham, "Design of satellite-based FSO/QKD systems using GEO/LEOs for multiple wireless users," IEEE Photonics Journal, Jul. 2023.
- Minh Q. Vu, Hoang D. Le, Ngoc T. Dang, and Anh T. Pham, "Network coding aided hybrid EB/PM satellite-based FSO/QKD systems," 2023 International Technical Conference on Circuits/Systems, Computers, and Communications (ITC-CSCC), Jeju, Jun. 2023.

Signature

Vu Quang Minh