## ELITECH '19 ELITECH '5TU

21st Conference of Doctoral Students
Faculty of Electrical Engineering and Information Technology
Slovak University of Technology in Bratislava

May 29, 2019

## **Session V**

## APPLIED INFORMATICS TELECOMMUNICATIONS

Chair: doc. Ing. Milan Vojvoda, PhD.

9:00 - 11:00

1. Upgrading Complex Single-Threaded Application to Support Concurrency: A Case Study

Roderik Ploszek (ÚIM)

2. Gender classification based on descriptors from deep facial recognition model

Zuzana Bukovčíková (ÚIM)

3. Vulnerabilities of LTE and LTE-A Pro physical layer

Andrej Ralbovský and Tomáš Páleník (ÚMIKT)

4. Application of Variational Iteration Method in Solving Typhoid Fever Model

Peter, O. J, Ibrahim, M.O, Abioye, A. I, Victor, A. A. and Ijalana, C. O. (Slovak Academy of Sciences, Institute of Informatics)