

# TSKS13 WIRELESS COMMUNICATIONS VT117

## Presentations of the project work

March, 6<sup>th</sup> 2017

Room P22 Course leader: Danyo Danev

Time: Project

Name

13.15: **Introduction**

13.20: **Research and Simulation of MIMO-OFDM  
Wireless Communication System** Thomas Ranström

13.35: **The Physical Layer Design for MIMO  
Wireless Communications System** Viktor Johansson

13.50: **Adaptive Modulation and Coding  
Techniques for OFDMA Systems** Mohamed JAOUA

14.05 – 14.20: Break

14.20: **Bluetooth Interference Cancellation  
for 802.11g WLAN Receivers** Simon Pöcheim

14.35: **Training-Based MIMO Channel  
Estimation: A Study of Estimator  
Tradeoffs and Optimal Training Signals** Ismael Peruga

14.50: **Rateless-coded hybrid ARQ** Charles Berro

15.05 – 15.20: Break

15.20: **ML Detection in MIMO Communication  
Systems with Imperfect Channel  
Knowledge** Adel Fayad