

RTU academic master study program Business Informatics
DST702
Mobile, Grid, and Ambient Networking

Abstract

The goal of the course is to give understanding about mobile, grid, and ambient networking (MGAN) for different business implementations (controlled processes). Various technologies and implementations of internet and intranet applications are discussed. Special attention is devoted to advanced innovative technologies and implementations (such as autonomous control, cognitive platforms, heterogeneous and cluster multilevel and mobile networks) and research and modelling techniques for architecture and infrastructure development. Basic topics on design methods and service oriented architecture are included in the course content. It includes also mobile, cognitive, and ambient network control and management techniques for business applications, which concern most popular methods and standards in this area. Students are introduced to mobile, ambient and cognitive network implementations.



Within course cooperation with:

Teaching staff



Responsible instructor

Dr.habil.sc.ing., professor [Valērijs Zagurskis](#)