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On **Saturday, May 13, 2017**, in Ceremonial Hall of the Faculty of Technical Sciences Novi Sad at 3:00 pm will deliver

**P R E D A V A N J E L E C T U R E**

CONTROLLED EXPERIMENTS IN SOFTWARE ENGINEERING: THEORY AND PRACTICE WITH EXAMPLES FROM ACADEMIA AND INDUSTRY

Kontrolisani eksperimenti u softverskom inženjerstvu

Abstract: The aim of this talk is to familiarize the audience with concepts related to controlled experiments in software engineering. An overview of controlled experiments is presented with a walk through of steps taken in conducting an experiment such as design, assessment of threats to validity, execution, data analysis and reporting. Additionally, two experiments, one in academia and one in industry, in the context on test-driven development are demonstrated.

*Katedra za informaciono-komunikacione sisteme, Doktorske studije: „Aktuelno stanje u oblasti“*