



Univerza v Ljubljani, Fakulteta za elektrotehniko
LDOS - Laboratorij za digitalno obdelavo signalov, slik in videa (<http://ldos.fe.uni-lj.si>)

in



IEEE slovenska sekcija (<http://www.ieee.si>)

vabita na predavanje z naslovom:

"Urban Agents & Citizen Apps, Towards an Autonomous Interactive Urban Planning Platform"

v torek, 9.11.2010 ob 10:00 uri v diplomski sobi FE, ULFE, Tržaška 25, Ljubljana.

Predaval bo Dr. Fabio Carrera (<http://www.wpi.edu/~carrera/>)

Povzetek predavanja:

Fabio Carrera (MIT Ph.D.) will present some real-world applications that begin to demonstrate how it is now becoming practical to "fill the City Knowledge pipeline" from data collection, to information visualization, to modeling and interactive participation in urban planning decisions. What is emerging is the potential for an Autonomous Interactive Urban Planning Platform that:

- leverages **mobile applications** for straight-to-the-cloud citizensourcing of urban phenomena
- harvests **sensor networks** for real-time information
- captures information as it flows through municipal **administrative processes**
- **visualizes information** in multiple dimensions
- **models** synthetic populations and their **behaviors**
- provides instant **feedback about** the urban and environmental **impacts** in planning scenarios
- allows **tangible interaction** in participatory planning contexts