

Maloniai kviečiame į seminarą (anglų kalba)

VDU Informatikos fakultete

Tema:

„Affective computing“

Laikas:

2013 lapkričio 8 d. (penktadienį) 16 val.

Vieta:

409 kab., Vileikos g. 8, Kaunas

Pranešėjas:

Ženevos universiteto, Informatikos fakulteto,
Kompiuterinės regos ir multimedijos laboratorijos
mokslininkas-stažuotojas **dr. Theodoros KOSTOULAS**

Theodoros Kostoulas
Computer Vision and Multimedia Laboratory (<http://cvml.unige.ch>)
Computer Science Department, University of Geneva

Abstract

Affective computing concerns understanding, recognizing and utilizing human emotions in the design of computational systems. Therefore, affective computing aims at developing devices and systems that take into account users' affective reactions or states, so as to ease human-computer and human-human interaction. In this talk we will overview the main research projects in this area that are conducted in the Computer Vision and Multimedia Laboratory:

- emotions assessment for affective computing;
- affective tagging, based on: physiological signals, crowdsourcing, fusion with behavioral signals;
- flow and engagement for affective gaming and learning;
- situated ecological affect estimation: gaming, driving;
- cross-domain affective studies, with the Swiss Center for Affective Sciences: impact of emotion awareness in mediated interaction (with the Faculty of Psychology); movie highlights detection (Literature).

Time permitting; we will also summarize our current research projects in multimodal interaction, related to the design of vision-based aids for the sight handicapped and for the elderly.

Short Biography

Dr. Theodoros Kostoulas holds Electrical and Computer Engineering Degree and Ph.D. in Electrical and Computer Engineering, University of Patras, Greece. Since 2005 he has been continuously participating in a number of research and development projects and he has long experience in affective computing, signal processing, machine learning and data resources design. He has more than 25 publications in refereed journals and conferences.