

Curriculum Vitae

Dániel Szolgay

PERSONAL INFORMATION

Surname, First name: Szolgay, Dániel
E-mail: szolgay dot daniel at itk dot ppke dot hu
Nationality Hungarian



EDUCATION

- 2006 – Joint PhD studies at the Interdisciplinary Technical Sciences Doctoral School, Pázmány Péter Catholic University, Budapest and at the École Doctorale de Mathématiques et Informatique, Université Bordeaux 1, Bordeaux, France
Title of the Thesis: **“Video Event Detection and Visual Data Processing for Multimedia Applications”**
Planned date of the defense: 2011. September 30.
- 2009 – 2011 Informatics Specialist in Bionic Computing - postgraduate specialist training, Pázmány Péter Catholic University, Budapest
Title of the diploma work: “Optimal Stopping Condition for Iterative Image Deconvolution Methods”
Name of Qualification: **Informatics Specialist in Bionic Computing**
- 2001 – 2006 Faculty of Information Technology, Pázmány Péter Catholic University, Budapest
Title of the diploma work: “Motion and Event Detection on Video Sequences” (original title in Hungarian: “Mozgásdetektálás és jelenet-felismerés videó képeken”)
Name of Qualification: **Master of Sciences in Electronic and Computer Engineer**
- 1995 – 2001 Franciscan High School, Szentendre

PARTICIPATION IN PROJECTS

- 2007 – 2009 IMMED project: Indexing Multimedia Data from Wearable Sensors for diagnostics and treatment of Dementia at the University of Bordeaux 1
Task: Moving object detection on videos acquired by wearable cameras.
- 2007 T-Online – Contract of services
Task: Software development for measuring the attractiveness of dynamic web advertisements based on the eye movement of the subjects.

GRANTS

Égide - Eiffel Excellence Scholarships for International Students	2007
Bourses pour doctorat en cotutelle	2008

SELECTED PUBLICATIONS

D. Szolgay, J. Benois-Pineau, R. Megret, Y. Gaestel, and J.-F. Dartigues, "Detection of moving foreground objects in videos with strong camera motion," Pattern Analysis and Applications. accepted in 04.04.2011.

D. Szolgay and T. Sziranyi, "Optimal stopping condition for iterative image deconvolution by new orthogonality criterion," Electronics Letters, vol. 47, no. 7, pp. 442–444, 2011.

D. Szolgay and T. Sziranyi, "Adaptive image decomposition into cartoon and texture parts optimized by the orthogonality criterion," IEEE Transactions on Image Processing. Submitted in May 2011.

D. Szolgay and T. Szirányi, "Orthogonality based stopping condition for iterative image deconvolution methods," in Computer Vision ACCV 2010, vol. 6495 of Lecture Notes in Computer Science, pp. 321–332, Springer Berlin / Heidelberg, 2011.

OTHER

Computer Programming (MATLAB, C++), MS Office, Latex
Driving license (B category, since 2002)

LANGUAGES

English (mid level), French (base level), Hungarian (native)