Levente Adalbert Kovács, PhD

PUBLICATION LIST

a. Books, technical notes


b. Papers published in Scientific Journals


[b-10] **L. Kovács**, B. Benyó, L. Török, A. Reiss, L. Szilágyi, G. Fördös – Measuring, storing and transmitting driver’s physiological signals (in


c. **Papers published in Certified International Conference Proceedings**


[c-2] **L. Kovács**, A. György, B. Benyó, A. Kovács – *Type 1 Diabetes Regulated by ANFIS at Molecular Levels*, WC’09 – World Congress on Medical Physics and Biomedical Engineering, Munchen, Germany, September 2009, *Accepted*.


I. Bosznai, L. Kovács, G. Fördös, B. Benyó, Z. Benyó – Sensor-net for Monitoring Drivers’ Vital Parameters, CINTI 2007 – 8th International Symposium of Hungarian Researchers on Computational Intelligence and


[c-39] Şt. Preitl, R.E. Precup, Zs. Preitl, **L. Kovács** – *Development Methods of Fuzzy Controllers with Dynamics for Low Order Benchmarks (Electrical


d. Electronic publications


e. Other presentations


**f. Diploma thesis (as supervisor)**


g. **Student conferences (as supervisor)**

[g-1] András György– *Analysing a novel model of human blood glucose system at molecular levels* (in Hungarian), OTDK, 1st prize, 10 April 2009.

[g-2] Tamás Ferenci – *Some questions regarding small-sample biostatistical analysis* (in Hungarian), Corvinus University Budapest, BME TDK, 1st prize, 22 April 2009.


[g-5] András György – *Digital image processing at the poker table* (in Hungarian), BME TDK, II
d prize, 19 November 2008.


[g-7] László Török – *Study of the human glucose-insulin system* (in Hungarian), Budapest, I
prize, 11 November 2005.

[g-8] Papp Krisztina, Vigh Boglárka – *Medical information system for diagnosing and monitoring diabetes mellitus and hearing disorders in children* (in Hungarian), VI

[g-9] Tamás Vajda – *Human detection with eigenface method. Determination of optimal eigenface space* (in Hungarian), V National Scientific Student Conference in Engineering for Hungarian students, Timisoara, Romania, I
prize, 10-13 April 2003.

**h. Awards, prizes**

[h-1] George Gamow Competition and Fellowship, I
prize, 2005.
with the work: “*Study of distribution, frequency, patterns of human repeating sequences – “SegRep” program*”.
Authors: Péter Nagy, Levente Kovács, László Török.


[h-3] II
National Scientific Student Conference in Engineering for Hungarian students from Romania, Timisoara, Romania, I
with the work: “*Control strategies for electrical driving systems with variable moment of inertia*” (in Hungarian) (34 p.).
Coordinator: Prof. dr. ing. Stefan Preitl (P.U.T).

[h-4] I
National Scientific Student Conference in Engineering for Hungarian students from Romania, Timisoara, Romania, II
prize, 1999.
with the work: “*Trajectory interpolation for robot’s movement using spline functions*” (in Hungarian) (9 p.).
Coordinator: Conf. dr. ing. Mirela Toth Tașcău (P.U.T).

[h-5] I
National Scientific Student Conference in Engineering for Hungarian students from Romania, Timisoara, Romania, mention, 1999.
with the work: “*The Boundary Element Method (BEM) in different kinds of practical engineer applications*” (in Hungarian) (6 p.).
Coordinator: Prof. dr. Adalbert Kovacs (P.U.T).

[h-6] Scientific Student Conference of the Politehnica University of Timiosara “Robot Mechanics” (in Romanian), Timisoara, Romania, II
prize, 1997.
with the work: “*Trajectory interpolation for robot’s movement*” (in Romanian) (34 p.).
Coordinator: Conf. dr. ing. Mirela Toth Tașcău (P.U.T).
i. PhD, MSc thesis


Budapest, 30 August 2009.

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