

CURRICULUM VITAE

Name: VASILEIOS GEORGIOS KANAS

Date of Birth: 23 December 1987

Place of Birth: Patras, Greece

Nationality: Greek

Marital Status: Single

Military services: Fulfilled

Home Address: Korinthou 1 – Agia Sofia

GR-26223 Patras

Greece

Tel.: (Home): +30 2610 453395

(Work): +30 2610 969 806

(Mobile): +30 6977782847

E-mail: vaskanas@gmail.com



STUDIES

Today: PhD Student, Wireless Communication Laboratory, University of Patras, Greece (starting at November 2011) (under the supervision of Assistant Professor *Kyriakos N. Sgarbas*)

Researcher in Biosignal Lab, Dept of Medical Physics, School of Medicine, University of Patras (under the supervision of Professor *Anastasios Bezerianos*)

2005 – 2011: BSc-MEng in Electrical and Computer Engineering, University of Patras, Greece (GPA: 7.77/10.0)

2005: Graduation (GPA: 18.5/20.0)

2002 – 2005: Secondary Education (Lyceum – 11^o School of Patras)

1999 – 2002: Secondary Education (Gymnasium – 1^o School of Patras)

WORK EXPERIENCE

- Teaching Autocad Electrical at private institution
- Teaching Matlab

SKILLS

Language Skills: Certificate of Proficiency in English (The University of Michigan)

Zertifikat in German (Goethe Institut)

Programming Skills: MATLAB, FORTRAN, C++, LABVIEW

GRANTS

June 2012: Researcher in Neurocomputing and Neurorobotics Research Group, Universidad Complutense de Madrid and, funding by Cost scientific programme on European Network on Robotics for Neurorehabilitation (COST Action TD1006) (under the supervision of Professor Fivos Panetsos)

CONFERENCES AND SUMMER SCHOOLS

- A. Bezerianos, V.G. Kanas, J. Hizanidis, T. Bountis, “Advanced techniques to model bi-directional communication of neural ensembles: Theoretical considerations and obstacles”, Research in Encoding And Decoding of Neural Ensembles, Areadne conference, 2012
- V. G. Kanas, Evangelia I. Zacharaki, Evangelos Dermatas, Anastasios Bezerianos, Kyriakos Sgarbas, and Christos Davatzikos, “Combining outlier detection with random walker for automatic brain tumor segmentation”, IFIP AICT 382, pp. 26–35, 2012
- E.I. Zacharaki, V.G. Kanas, C. Davatzikos, “Investigating machine learning techniques for MRI-based classification of brain neoplasms”, 25th International Congress and Exhibition on Computer Assisted Radiology and Surgery, Berlin, Germany, June 22–25, 2011
- Participation in the 2nd Ph.D summer school on “Mathematical Modeling of Complex Systems”, Pescara, Italy, 16-28 July, 2012
- Participation in the 6th International Summer School on Emerging Technologies in Biomedicine, “Bioinformatics and Systems Biology Approaches for the Analysis of Complex Biological Networks”, Patras, Greece, 1-6 July, 2012

JOURNALS

- E.I. Zacharaki, V.G. Kanas, C. Davatzikos, “Investigating machine learning techniques for MRI-based classification of brain neoplasms”, International Journal of Computer Assisted Radiology and Surgery (JCARS) , Volume 6, Number 6, p.p. 821-828, 2011.

PARTICIPATION IN PROJECTS

01/2012 – Today: Participation in the project “MACOMSYS” (Mathematical Modeling of Complex Systems with Applications to Biomedicine, Physics and the Technology of Materials) under the supervision of professor A. Bezerianos. The Project Coordinator is professor T. Bountis.

MEMBERSHIPS

- IEEE Student Member – IEEE Student Branch University of Patras

RESEARCH INTEREST

- Biomedical Signal Analysis
- Complex Networks
- Machine Learning and Computational Intelligence
- Brain computer Interfaces (BCI)
- Brain connectivity and Brain dynamics

REFERENCES

- *Professor Anastasios Bezerianos, BS,MS,PhD*

Biosignal Lab., Dept of Medical Physics,
School of Medicine, University of Patras,
GR-26500 Patras, Rion, Patras, Greece

Email: anastasios.bezerianos@gmail.com

- *Assistant Professor Kyriakos N. Sgarbas*

Artificial Intelligence Group
Wire Communications Laboratory
Electrical and Computer Engineering Dept.
University of Patras

GR-26500 Patras, Rion, Patras, Greece

Email: sgarbas@upatras.gr

○ *Professor Tassos Bountis*

Director of Center for Research and Application of Nonlinear Systems (CRANS)
Director of Laboratory of Nonlinear Systems and Applied Analysis Department of
Mathematics
University of Patras
GR-26500 Patras, Rion, Patras, Greece

Email: bountis@math.upatras.gr

○ *Professor Nikolaos Fakotakis*

Director of the Telecommunication & Information Technology Division
Director of the Wire Communications Laboratory (WCL)
Department of Electrical and Computer Engineering
University of Patras
GR-26500 Patras, Rion, Patras, Greece

Email: fakotaki@upatras.gr