

Savvas Argyropoulos

Electrical & Computer Engineer, PhD Student

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RESEARCH INTERESTS

Biometrics, Multimodal Fusion, Image/Video Transmission, Joint Source/Channel Coding, Distributed Video Coding, Multimodal Signal Processing, Information Theory.

EDUCATION

- PhD Student, Nov 2004 - now, Electrical and Computer Engineering Dept., Aristotle University of Thessaloniki, Hellas. Advisor: Prof Michael G. Strintzis.
- Oct 2004, Eng. Diploma in Electrical and Computer Engineering Dept., Aristotle University of Thessaloniki, Hellas. GPA 8.14/10. Supervisor: Prof. Michael G. Strintzis, Diploma Thesis Title: "Error Resilient Transmission of H.264/AVC Video".

RESEARCH/ PROFESSIONAL EXPERIENCE

- 01/2005 – now: Postgraduate Research Associate at Informatics and Telematics Institute/ Centre for Research and Technology (ITI/CERTH)
 - § 01/2006 – now: HUMABIO: "Human Monitoring and authentication using Biodynamic Indicators and Behavioural Analysis", IST-STREP.
 - § 01/2006 – now: SIMILAR: "The European Research Taskforce Creating Human-Machines Interfaces SIMILAR to Humans", IST – Network of Excellence.
 - § 01/2005 – now: 3DTV: "Integrated Three-Dimensional Television – Capture, Transmission and Display", IST – Network of Excellence.
- 10/2002 – 01/2004: Member of the Network Services Team, Network Operation Centre (NOC), Aristotle University of Thessaloniki.

- 07/2002 – 09/2002: Public Power Organization, Technical training

TECHNICAL SKILLS

- Operating Systems: Unix, Windows, Linux
- Programming Languages: C/C++, FORTRAN 77/90, MATLAB, Tcl/Tk, SQL
- Internet Programming: HTML, PHP, XML/VoiceXML,

LANGUAGES

- English (Perfect)
 - Cambridge, Certificate of Proficiency in English
 - Michigan, Certificate of Proficiency in English

HONORS AND AWARDS

- 1997, 1998, and 1999: Distinction by the Hellenic Mathematical Society for exceptional performance in the “Thales” mathematical contest.

PUBLICATIONS (<http://www.iti.gr/~savvas/publications>)

- Book Chapters

[1] **S. Argyropoulos**, N. V. Boulgouris, N. Thomos, Y. Kompatsiaris, and M. G. Strintzis, “*Coding of 2D and 3D color image sequences*,” in *Color Image processing: Methods and Applications*, CRC Press, R. Lukac and K. N. Plataniotis editors, 2006.

- Journal Publications

[1] D. Ioannidis, D. Tzovaras, Y. Damousis, **S. Argyropoulos**, K. Moustakas, “*Gait Recognition using Compact Feature Extraction Transforms and Depth Information*,” *IEEE Transactions on Information Forensics and Security* (under review).

[2] N. Thomos, **S. Argyropoulos**, N. V. Boulgouris, and M. G. Strintzis, “*Robust Transmission of H.264/AVC Streams Using Adaptive Group Slicing and Unequal Error Protection*,” *EURASIP Journal on Applied Signal Processing*, vol. 2006, Article ID 51502, 13 pages, 2006.

- International Conferences

- [1] **S. Argyropoulos**, A. S. Tan, N. Thomos, E. Arikan, M. G. Strintzis, "Robust Transmission of Multi-View Video Streams Using Flexible Macroblock Ordering And Systematic LT Codes," IEEE 3DTV-CON, accepted for publication.
- [2] **S. Argyropoulos**, D. Tzovaras, M.G. Strintzis, "Cued Speech Sign Language Recognition," IEEE International Conference on Image Processing (ICIP2007), submitted.
- [3] N. Thomos, **S. Argyropoulos**, N. V. Boulgouris, and M. G. Strintzis, "Robust transmission of H.264/AVC video using adaptive slice grouping and unequal error protection", *IEEE International Conference on Multimedia and Expo*, Toronto, Canada, July 2006.
- [4] N. Thomos, **S. Argyropoulos**, N. V. Boulgouris, and M. G. Strintzis, "Error-resilient transmission of H.264/AVC streams using Flexible Macroblock Ordering," *proc. of European Workshop on the Integration of Knowledge, Semantics and Digital Media Technology (EWIMT 2005)*, London, UK, November 2005.

REFERENCES

Available upon request