

LISTĂ LUCRĂRI (PUBLICATIONS)

Ionuț Pirnog

ARTICOLE CONFERINȚE (CONFERENCE PAPERS)

1. **I. Pirnog**, C. Oprea, C. Paleologu, "Image Content Extraction Using a Bottom-Up Visual Attention Model", *Proc. IEEE International Conference on Digital Society (ICDS)*, pp. 300-303, Cancun, Mexic, 2009.
2. C. Oprea, **I. Pirnog**, C. Paleologu, R. M. Udrea, "Perceptual Video Quality Assessment Based on Salient Region Detection", *Proc. IEEE Advanced International Conference on Telecommunications (AICT)*, pp. 232-236, Veneția, Italia, 2009.
3. **I. Pirnog**, C. Oprea, C. Paleologu, D.N. Vizireanu, "Improved Minkowsky Metric for Image Region Partition", *Proc. IEEE Int. Conf. on Computing in the Global Information Technology (ICCGI)*, pp. 80-84, Atena, Grecia, 2008.
4. **I. Pirnog**, R. M. Udrea, C. Paleologu, "Efficient Method for Content Extraction Applied in Multimedia Communication", *Proc. IEEE Int. Conf. on Networking (ICN)*, pp. 202-206, Cancun, Mexic, Apr. 2008.
5. **I. Pirnog**, R. M. Udrea, C. Paleologu, „An Improved Region Growth Method”, *Proc. IEEE International Conference COMMUNICATIONS*, pp. 129-132, București, România, 2008.
6. R.M. Udrea, D.N. Vizireanu, **I. Pirnog**, "A Perceptual Approach for Noise Reduction using Nonlinear Spectral Subtraction", *TELSIKS 2007, 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services*, pp. 649-652, Serbia, 2007.
7. **I. Pirnog**, D.N. Vizireanu, R.M. Udrea, C.C. Oprea, "New Content Analysis Methods Effective in Multimedia Based Services", *TELSIKS 2007, 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services*, pp. 433-436, Serbia, 2007.
8. **I. Pirnog**, C.C. Oprea, R.M. Udrea, R.O. Preda, "Perceptual region detection method for image segmentation", *Perception 37 ECVP Abstract Supplement*, page 122, 2008.
9. D. N. Vizireanu, **I. Pirnog**, "New PSPICE Modeling and Simulation Method for Multiple Mode Oscillation for ECAM", *ICEST 2005, XL International Conference on Information, Communication and Energy Systems, Serbia and Montenegro, Niš, June 29 – July 1*, pp. 203-206, 2005.
10. D. N. Vizireanu, **I. Pirnog**, R. O. Preda, "A Rate Scalable Video Compression Technique Based on Multiwavelets", *International Conference on fundamentals of Electronics and Circuit Theory IC-SPETO, 2005*, pp. 501-504.
11. D. N. Vizireanu, **I. Pirnog**, M. Udrea "A New Calibration Method for Analog to Digital Converters", *SIITME 2005, International Symposium for Design and Technology of Electronic Packages, Septembrie 22-25, Cluj-Napoca, Romania*.
12. D. Ene, **I. Pirnog**, C. Sucholotiu "Sesiunea de Comunicari Stiintifice Studentesti – Sectia Telecomunicatii din 14Mai 2004 cu lucrarea Modulator DVB-T implementat pe DSP Motorola SC140
13. M. Udrea, D. V. Ene, **I. Pirnog**, C. Sucholotiu "Digital Video Broadcasting Terrestrial Modulator Implemented on Motorola MSC8101 DSP", *Buletinul Stiintific al Universității "Politehnica" din Timișoara, Transactions on Electronics and Communications, Tom 49(63), Fascicola 1-2, 2004*, pp. 112-116.
14. D. N. Vizireanu, M. Udrea, **I. Pirnog** "New PSPICE computational method for single

and double-mode ECAM”, International Semiconductor Conference 2004, Proceedings, vol. 2, pages 483-486.

15. M. Udrea, D. V. Ene, **I. Pirnog**, C. Sucholotiu “Digital Video Broadcasting Terrestrial Modulator Implemented on Motorola MSC8101 DSP”, Buletinul Științific al Universității "Politehnica" din Timișoara, Transactions on Electronics and Communications, Tom 49(63), Fascicola 1-2, 2004, pp. 112-116.
16. D. N. Vizireanu, M. Udrea, **I. Pirnog** “New PSPICE computational method for single and double-mode ECAM”, International Semiconductor Conference 2004, Proceedings, vol. 2, pages 483-486.

CONTRACTE DE CERCETARE în calitate de responsabil

(RESEARCH GRANTS – as manager)

1. *Contribuții la studiul, dezvoltarea și optimizarea tehnicilor de generarea automată, extragere și refaceere a metadatelor utilizate în serviciile multimedia interactive*, Grant CNCSIS, tip TD, 2007-2008.