

**LISTA PUBLICAȚIILOR REZULTATE ÎN URMA TEZEI DE DOCTORAT,
PUBLICATE SUB AFILIERE UPT**

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Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate ISI Proceedings

1. Wolfgang Proß, Franz Quint and Marius Oteșteanu, "Using PEG-LDPC codes for object identification," in Proceedings of the 9th International Symposium on Electronics and Telecommunications (ISETC2010), pp.361-364, Timisoara, Romania, Nov 2010
2. Wolfgang Proß, Franz Quint and Marius Oteșteanu, "Estimation-Decoding on LDPC-based 2D-barcode," in Proceedings of the International Conference on Signal Processing and Multimedia Applications (SIGMAP2011), pp.34-39, Seville, Spain, July 2011
3. Wolfgang Proß, Franz Quint and Marius Oteșteanu, "Estimation-Decoding of short blocklength LDPC codes on a Markov-modulated Gaussian channel," in Proceedings of the 3rd IEEE International Conference on Signal Processing Systems (ICSPS2011), pp.383-387, Yantai, China, Aug 2011
4. Wolfgang Proß, Franz Quint and Marius Oteșteanu, "Design of short irregular LDPC codes for a Markov-modulated Gaussian channel," in Proceedings of the International Conference on Signal Processing and Multimedia Applications (SIGMAP2012), pp.31-34, Rome, Italy, July 2012
5. Wolfgang Proß, Franz Quint and Marius Oteșteanu, "Decoding of LDPC-based 2D-barcode using a 2D-Hidden-Markov-Model," in Springer's Lecture Notes in Computer Science (LNCS), Communications in Computer and Information Science (CCIS) series - *acceptată spre publicare în format extins*.

Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate BDI

1. Wolfgang Proß, Franz Quint and Marius Oteșteanu, "Design of irregular LDPC codes for nonparametric channels," in Proceedings of the 10th International Symposium on Electronics and Telecommunications (ISETC2012), Timisoara, Romania, Nov 2012 - *acceptată spre publicare*.

Lucrări științifice publicate în volumele unor manifestări științifice internaționale (Proceedings) din străinătate

1. Wolfgang Proß and Franz Quint, "Comparative study of a CDMA2000 Turbo code and a linear time encodable PEG LDPC code over GF(q)," in Proceedings of the 54.IWK - International Scientific Colloquium Conference, Ilmenau, Germany, Sept 2009

Lucrări științifice publicate în volumele unor manifestări științifice

1. Wolfgang Proß and Franz Quint, "Decoding performance of Turbo-Codes and LDPC-Codes with short blocklength," in Scientific Bulletin of the Politehnica University of Timisoara – Transactions on Electronics and Communications, Vol. 54(68), No. 1., pp.25-30, 2009
2. Wolfgang Proß, Franz Quint and Marius Oteșteanu, "Design of short irregular LDPC codes based on a constrained Downhill-Simplex method", in Scientific Bulletin of the Politehnica University of Timisoara - Transactions on Electronics and Communications, Vol. 56(70), No. 2., pp.27-31, 2011