

LISTA COMPLETĂ DE LUCRĂRI

Lucrări relevante

1. **Cezar PLEȘCA**, Vincent CHARVILLAT, Wei Tsang OOI. *Multimedia Prefetching with Optimal Markovian Policies*, Journal of Network and Computer Applications, vol. 69 C, ISSN 1084-8045, ACADEMIC PRESS LTD., pages 40-53, July 2016, (Jurnal ISI, FI: 2.331).
2. Mugurel Barcău, Vicențiu Pașol, **Cezar PLEȘCA**, Mihai TOGAN. *On a Key Exchange Protocol*. Security for Information Technology and Communication SECITC 2017. Chapter in „Innovative Security Solutions for Information Technology and Communications”, Lecture Notes in Computer Science, pages 187-199. (ISI Conference).
3. **Cezar PLEȘCA**, Mihai TOGAN , Cristian LUPAȘCU. *Homomorphic Encryption Based on Group Algebras and Goldwasser-Micali Scheme*. Security for Information Technology and Communication SECITC'16 2016. Chapter in „Innovative Security Solutions for Information Technology and Communications”, Lecture Notes in Computer Science, pages 149-166. (ISI Conference).
4. Mihai TOGAN, Cristian LUPAȘCU, **Cezar PLEȘCA**, *Homomorphic Evaluation of SPECK Cipher*, Proceedings Of The Romanian Academy Series A: Mathematics, Physics, Technical Sciences, Information Science, ISSN 1454-9069, 2015 (Jurnal ISI, FI: 1.735).
5. Mihai TOGAN, Luciana MOROGAN, **Cezar PLEȘCA**, *Comparison-Based Applications for Fully Homomorphic Encrypted Data*, Proceedings Of The Romanian Academy Series A: Mathematics, Technical Sciences, Information Science, 2015 (Jurnal ISI, FI: 1.735).
6. **Cezar PLEȘCA**, Luciana MOROGAN, Mihai TOGAN. *Fast Searching in Image Databases Using Multi-Hash Robust Fingerprinting*. Security for Information Technology and Communication SECITC'15, Bucharest, 11-12 June, 2015. Chapter in “Innovative Security Solutions for Information Technology and Communications”, Springer International Publishing, ISBN 978-3-319-27179-8, pp.267-279. (ISI Conference).
7. Mihai TOGAN, **Cezar PLEȘCA**, *Comparison-Based Computations Over Fully Homomorphic Encrypted Data*, International Conference on Communications (COMM 2014), pages 1-6, Bucharest, 29-31 May 2014 (ISI Conference).
8. **Cezar PLEȘCA**, Luciana MOROGAN. *Efficient and Robust Perceptual Hashing Using Log-Polar Image Representation*. International Conference on Communications (COMM 2014), pages 1-6, Bucharest, 29-31 May 2014 (ISI Conference).

Teză de Doctorat

1. „*Supervision de Contenus Multimedia : Adaptation de Contenu, Politiques Optimales de Prechargement et Coordination Causale de Flux*”. Teză elaborată în regim de cotutelă între INP Toulouse și ATM București. Susținere publică: 21 Iunie 2007 la Institutul Național Politehnic din Toulouse. Conducători științifici:
prof. dr. Victor-Valeriu Patriciu (ATM) și Gerard Padiou (INP Toulouse).

Cărți sau Manuale

1. **Cezar PLEȘCA**, Stefan TOMA, Stelian SPÎNU. *Tehnici de Watermarking pentru Multimedia*, Editura ATM, ISBN 978-973-640-117-6, pagini 1-200, 2017.
2. **Cezar PLEȘCA**, Mihai PURA, Livia ROȘU. *Note de Curs - Structuri de Date și Algoritmi*, pagini 1-300, 2017. Editura Academiei Tehnice Militare (în curs de publicare, disponibilă în format electronic pdf).
3. **Cezar PLEȘCA**, Mihai PURA, Cristian LUPAȘCU. *Note de Curs – Tehnici de Programare*, pagini 1-100, 2017. Editura Academiei Tehnice Militare (în curs de publicare, disponibilă în format electronic pdf).

Capitole publicate în cărți internaționale

1. **Cezar PLEȘCA**, Mihai TOGAN , Cristian LUPAȘCU. *Homomorphic Encryption Based on Group Algebras and Goldwasser-Micali Scheme*. Chapter in „Innovative Security Solutions for Information Technology and Communications”, Lecture Notes in Computer Science, pages 149-166, June 2016.
2. **Cezar PLEȘCA**, Luciana MOROGAN, Mihai TOGAN. *Fast Searching in Image Databases Using Multi-Hash Robust Fingerprinting*. Chapter in “Innovative Security Solutions for Information Technology and Communications”, Springer International Publishing, ISBN 978-3-319-27179-8, pages 267-279, June 2015.
3. Victor-Valeriu PATRICIU, Stelian SPÎNU, **Cezar PLEȘCA**. *Fingerprint Orientation Image Estimation in the Frequency Domain*. Chapter in “New Trends in Networking, Computing, E-learning, Systems Sciences, and Engineering”. Springer International Publishing, ISBN 978-3-319-06764-3 pages 439-443, January 2015.
4. **Cezar PLEȘCA**, Vincent CHARVILLAT, Romulus GRIGORAȘ. *User-aware adaptation by subjective metadata and inferred implicit descriptors*. Chapter in “Multimedia Semantics - The Role of Metadata”, Editura Springer International Publishing, ISBN 978-3-540-77473-0, pages 127-147, May 2008.
5. **Cezar PLEȘCA**, Vincent CHARVILLAT, Romulus GRIGORAȘ. *Adaptation à des contextes partiellement observables*. Chapter in „Ingénierie des systèmes d'information”, Vol. 11, nr. 5, pages 35-60, Editura Lavoisier, Editori: Frederique Laforest, Frederic Le Mouel, ISBN 2-7462-1672-8, October 2006.

Articole publicate în reviste din fluxul științific internațional principal

1. **Cezar PLEȘCA**, Vincent CHARVILLAT, Wei Tsang OOI. *Multimedia Prefetching with Optimal Markovian Policies*, Journal of Network and Computer Applications, vol. 69 C, ISSN 1084-8045, ACADEMIC PRESS LTD., pages 40-53, July 2016 (Jurnal ISI, FI: 2.331).
2. Mihai TOGAN, Cristian LUPAȘCU, **Cezar PLEȘCA**, *Homomorphic Evaluation of SPECK Cipher*, Proceedings Of The Romanian Academy Series A: Mathematics, Physics, Technical Sciences, Information Science, ISSN 1454-9069, 2015 (Jurnal ISI, FI: 1.735).
3. Mihai TOGAN, Luciana MOROGAN, **Cezar PLEȘCA**, *Comparison-Based Applications for Fully Homomorphic Encrypted Data*, Proceedings Of The Romanian Academy Series A: Mathematics, Technical Sciences, Information Science, 2015 (Jurnal ISI, FI: 1.735).
4. **Cezar PLEȘCA**, Romulus GRIGORAȘ, Vincent CHARVILLAT, *Adapting Content Delivery to Limited Resources and Inferred User Interest*, International Journal of Digital Multimedia Broadcasting, vol. 2008, 13 pages, 2008.
5. **Cezar PLEȘCA**, Romulus GRIGORAȘ, Vincent CHARVILLAT. *Improving Hypermedia Delivery Using Prefetching Techniques*, pages: 109-124, MTA Review, ISSN 1843-3391, Volume XIX, No. 1, Mar. 2009.

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1. Armand ROPOT, Lidia DOBRESCU, **Cezar PLEȘCA**. *Radiation protection of patients in medical investigations*, IEEE Workshop on Advances in Information, Electronic and Electrical Engineering AIEEE'2015. Riga, Latvia (ISI Conference), 2015.
2. Mihai TOGAN, **Cezar PLEȘCA**, *Comparison-Based Computations Over Fully Homomorphic Encrypted Data*, International Conference on Communications (COMM 2014), pages 1-6, Bucharest, 29-31 May 2014 (ISI Conference).
3. **Cezar PLEȘCA**, Luciana MOROGAN. *Efficient and Robust Perceptual Hashing Using Log-Polar Image Representation*. International Conference on Communications (COMM 2014), pages 1-6, Bucharest, 29-31 May 2014 (ISI Conference).
4. **Cezar PLEȘCA**, Victor PATRICIU, Vincent CHARVILLAT. *Signal-coherent video watermarking schemes based on visual cryptography*. Annual Scientific Conference on Web Technology, New Media Communications and Telematics Theory, Methods, Tools and Applications and D-TV, EUROMEDIA '2007, April 25-27, 2007. (ISI Conference).

5. **Cezar PLEȘCA**, Romulus GRIGORAȘ, Philippe QUEINNEC, Gerard PADIOU, Jean FANCHON. *A coordination-level middleware for supporting flexible consistency in CSCW*. Euromicro International Conference on Parallel, Distributed, and Network-Based Processing, pp. 316-321, 2006, Montbeliard Sochaux, France. (ISI Conference).
6. **Cezar PLEȘCA**, Romulus GRIGORAȘ, Philippe QUEINNEC, Gerard PADIOU. *A flexible communication toolkit for synchronous groupware*, *International Conference on Systems Communications*, pp. 216-221, Montreal, August 14-17, 2005. (ISI Conference).
7. **Cezar PLEȘCA**, Romulus GRIGORAȘ, Philippe QUEINNEC, Gerard PADIOU. *Adaptive multimodal communication for multimedia*. Annual Scientific Conference on Web Technology, New Media, Communications and Telematics Theory, Methods, Tools and Applications, EUROMEDIA '2005, pp. 183-189, Toulouse, France, 2005. (ISI Conference).

Alte lucrări și contribuții științifice

1. Lidia DOBRESCU, Armand ROPOT, **Cezar PLEȘCA**, Marius Constantin VOCHIN, Silviu STANCIU. *Implementing a New System for Recording the Effective Doses for patients Investigated by Radiological Investigations*. International Conference Interdisciplinary Approach of Inovation as a Progress Factor, Bucharest, 2015. (IEEE Explore)
2. Benoit BACCOT, Vincent CHARVILLAT, Romulus GRIGORAȘ, **Cezar PLEȘCA**. *Visual Attention Metadata from Pictures Browsing*. Proceedings of the 2008 Ninth International Workshop on Image Analysis for Multimedia Interactive Services, WIAMIS '08, pages 122-125. (ACM Library, IEEE Explore)
3. **Cezar PLEȘCA**, Romulus GRIGORAȘ, Vincent CHARVILLAT. *A formal framework for multimedia adaptation revisited: a metadata perspective*. BTW Workshops, 2007.
4. **Cezar PLEȘCA**, Romulus GRIGORAȘ, Philippe QUEINNEC, Gerard PADIOU. *Streaming with causality: a practical approach*. *ACM International Conference on Multimedia*, Singapore, pages 283-286, November 6-11, 2005. (ACM Library)