

LISTA DE LUCRĂRI

șef lucrări dr. ing. Petre ANGHELESCU

a. Lucrări relevante

1. **Petre Angheliescu**, Silviu Ionita, Vasile-Gabriel Iana, "High-Speed PCA Encryption Algorithm using reconfigurable computing", Journal Cybernetics and Systems (Taylor & Francis), ISSN: 0196-9722, Volume 44, Issue 4, May 2013, **ISI Impact Factor: 0,973**, <http://www.tandfonline.com/loi/ucbs20>.
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8. **Petre Angheliescu**, Silviu Ionita, Ionel Bostan, "Design of Programmable Cellular Automata Based Cipher Scheme", World Congress on Nature and Biologically Inspired Computing, NaBIC 2009, Coimbatore, India, IEEE Catalog Number: CFP0995H-CDR, ISBN: 978-1-4244-5612-3, Library of Congress: 2009907135, Digital Object Identifier 10.1109/NABIC.2009.5393680, pag. 187-192, 9-11 December 2009, <http://www.mirlabs.org/nabic09/>.
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b. Teza de doctorat

Proiectarea și analiza automatelor celulare pentru prelucrarea informației, coordonator științific: prof. univ. dr. ing. **Emil SOFRON**, susținută public la data de: 07.12. 2007.

c. Brevete de invenții

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d. Cărți și capitole din cărți

1. **Petre Angheliescu** – “*AUTOMATE CELULARE – fundamente și abordări practice cu aplicații în criptare*”, Editura MATRIX ROM, 237 pag., ISBN 978-973-755-821-3, București, Iunie 2012.
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1. **Petre Angheliescu**, Silviu Ionita, Vasile-Gabriel Iana, “*High-Speed PCA Encryption Algorithm using reconfigurable computing*”, **Journal Cybernetics and Systems** (Taylor & Francis), ISSN: 0196-9722, Volume 44, Issue 4, 2013, **ISI Impact Factor: 0,973**, <http://www.tandfonline.com/loi/ucbs20>.
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3. Vasile-Gabriel Iana, **Petre Angheliescu (corresponding author)**, Gheorghe Serban, Cristian-Iulian Rincu, “*SHA-1 Cryptographic Algorithm Implemented on FPGA*”, Scientific Bulletin, Series: Electronics and Computers Science, Revista categoria B+ CNCSIS, Vol. 1/2012, ISSN – 1453 – 1119, pag. 7-12, 2012 http://fecc_bulletin.upit.ro/.
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11. **Petre Angheliescu** – „*Sistem criptografic bazat pe teoria automatelor celulare pentru protectia informatiei in retelele de comunicatii*”, Grant CNCSIS TD365, Revista de politica științei și scientometrie, ISSN: 1582-1218, Vol. V, Numar Special 2007 (<http://www.rezultate-granturi.ro/gr2007/Default.aspx>).
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3. **Petre Angheliescu**, “*Encryption of Multimedia Medical Content using Programmable Cellular Automata*”, World Congress on Internet Security, WorldCIS-2012, Ontario, Canada, Print ISBN: 978-1-4673-1108-3, IEEE INSPEC Accession Number: 12948857, pag. 11-16, 10-12 June 2012, <http://www.worldcis.org/>.

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g. Alte lucrări și contribuții științifice (Materiale/cărți didactice)

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