

## LISTA DE LUCRĂRI

S.I. dr. ing. IONESCU LAURENȚIU MIHAI, Universitatea din Pitești

1. Lista celor 10 lucrări relevante pentru realizările profesionale proprii, incluse în dosar:

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A Mazare, L Ionescu, G Serban, I Lita, "FPGA-based system for data acquisition and remote communication", Design and Technology in Electronic Packaging (SIITME), 2014 IEEE 20th International Symposium for, 169-174, DOI: 10.1109/SIITME.2014.6967019, 2014

LM Ionescu, A Mazare, C Anton, C Stoian, "The hardware implementation of a quantum computation system emulator", Applied Electronics (AE), 2014 International Conference on, ISSN 1803-7232, ISBN 978-8-0261-0276-2, 121 – 124, 2014

## 2. Teza de doctorat

"Modelarea, proiectarea, simularea și implementarea de microstructuri hardware evolutive", 2007

## 3. Brevete de invenții și alte titluri de proprietate industrială

Ionita S., Mazare A.G., Ionescu L., Angheliescu P. „system with programmable repeater radio-relay for in IR remote control includes a radio-transmitter which sends encoded numerical commands to a central control unit, a radio relay comprising a radio receiver module”, Patent number RO126719 – A0

## 4. Cărți și capitole din cărți

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## 5. Articole/studii publicate în reviste din fluxul științific internațional principal

Laurentiu Ionescu, Alin Mazare, Gheorghe Serban, Ionel Bostan, Step down evolvable power regulator, University of Pitesti – Electronics and computers science, Scientific bulletin, No. 8, Vol.2, 2008, ISSN – 1453 – 1119, Pag 93-98, 2008

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Emil Sofron, Gheorghe Șerban, Ionel Bostan, Laurențiu Ionescu, Valeriu Ionescu, Alin Mazare – “Neuron implementation using reconfigurable hardware”, 9th International Conference on Optimisation of Electrical and Electronic Equipments, The Transilvania University, Brasov, pag. 189., ISBN 973-635-285-4, 2004

V. Ionescu, I. Bostan, L. Ionescu “Systemic design for integrated digital circuit structures”, CAS 2004 “2004 International Semiconductor Conference” Sinaia, ISBN 0-7803-8499-7; IEEE Catalog Number 04TH8748

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#### 7. Alte lucrări și contribuții științifice

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