

LISTA DE LUCRĂRI
a cadrului didactic LITA IOAN

A. Teza de doctorat

Analiza efectelor radiatiilor asupra proprietatilor materialelor, componentelor si sistemelor electronice, Universitatea Politehnica Bucuresti, Inginerie electronica, telecomunicații și tehnologii informaționale, 1998

B. Cărți și capitole în cărți publicate în perioada 2008 - 2017

B2. Cărți și capitole în cărți de specialitate naționale ca autor (cu ISBN intern)

1. Ioan Lita, M. Abrudeanu, *Efectul radiatiilor asupra materialelor si componentelor electronice*”, 237 pg. ISBN 973-31-1495-2. Editura Tehnica Bucuresti, 2010
2. Ioan Lita, Ion Bogdan Cioc, Daniel Alexandru Visan, *Componente si circuite pasive. Intrebari si raspunsuri*, ISBN: 978-606-25-0226-3, 143pg., Ed. Matrix Rom, Bucuresti, 2016, 2016, (TC_3_2016_DECIE)

B5. Manuale didactice, suport de curs (fără ISBN)

1. M. Dragulinescu, Ioan Lita, *Materiale pentru electronica*”; Indrumar de laborator, Editură Universitatea din Pitești, Pitesti, 2009.
2. Ioan Lita, *Materiale electrotehnice. Note de curs.*, 2018

C. Lucrări (articole) ISI / BDI publicate în perioada 2008 - 2017

C2. Articole în volume indexate ISI Proceedings

1. Ioan LITA, Mariana JURIAN, Daniel Alexandru VISAN, Stefan OPREA, Ion Bogdan CIOC, *Microcontroller Based Tester for Semiconductor Devices*, 31th International Spring Seminar on Electronics Technology - ISSE 2008, Reliability and life time prediction, ISBN: 978-1-4244-3973-7, WOS:000272337900025, pp. 117-120 (B010), Technical University of Budapesta, Budapesta, Ungaria, May 7-11, 2008, 2008
2. Mariana Jurian, Ioan Lita, Florentina Enescu, Daniel Alexandru Visan, *A Comparative Study of the Methods for Image Processing Using Texture Characteristics*, Proceedings of the 8th WSEAS International Conference on APPLIED INFORMATICS AND COMMUNICATIONS (AIC'08), ISBN:

978-960-6766-94-7, ISSN: 1790-5109, pp. 216- 221, <http://www.wseas.org/wseas/cms.action?id=87>, Rhodes (Rodos) Island, Greece, August 20-22, 2008, 2008

3. Ion Bogdan Cioc, Ioan Lita, Daniel Alexandru Visan, Ionel Bostan, *FPAAs implementation of signal processing circuits for radiation sensors*, 32th International Spring Seminar on Electronics Technology - ISSE 2009, "Hetero System Integration, the path to New Solutions in the Modern Electronics", ISBN: 978-1-4244-4260-7, WOS:000277445500109, IEEE Catalog Number: CFP09509, pp. 272 – 273 (F04), Brno University of Technology, Brno, Czech Republic, May 13-17, 2009, 2009

4. Ioan Lita, Daniel Alexandru Visan, Ion Bogdan Cioc, *FPAAs Based PID Controller with Applications in the Nuclear Domain*, 32th International Spring Seminar on Electronics Technology - ISSE 2009, "Hetero System Integration, the path to New Solutions in the Modern Electronics", ISBN: 978-1-4244-4260-7, WOS:000277445500110, IEEE Catalog Number: CFP09509, pp. 274 – 275 (F05), Brno University of Technology, Brno, Czech Republic, May 13-17, 2009, 2009

5. Ioan LITA, Daniel Alexandru VISAN, *Microcontroller Based Control System for Rotating Display with Multiplexed LED Array*, 5 International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2013, pp. 9 - 13, Series Electronics, Computers and Artificial Intelligence, Vol.5- Nr. 2/2013, ISSN 1843-2115, ISBN: 978-1-4673-4937-6, IEEE Catalog Number CFP1327U-ART, Pitesti, <http://ieeexplore.ieee.org/>, Romania, 27-29 Iulie 2013 rter> University of AlbaIulia, Alba Iulia, Romania, May 8-12, 2013, 2013, (TC_2_2013_DECIE)

6. Ion Bogdan Cioc, Ioan Lita, Daniel Alexandru Visan, *Simulator for Signals from Semiconductor Radiation Sensors Used in Testing of Radiation Measurement Apparatus*, IEEE 19 International Symposium for Design and Technology of Electronic Packages - SIITME 2013, pp. 159 - 162, WOS:000347562900026, IEEE Catalog Number: CFP1307I-ART, ISBN: 978-1-4799-1555-2, Digital Object Identifier: 10.1109/SIITME.2013.6743664, <http://ieeexplore.ieee.org/>, University of Bucharest, Center for Technological Electronics and Interconnection Techniques and “Dunărea de Jos” University of Galați, Galați, Romania, 24 – 27, October 2013, 2013, (TC_4_2013_DECIE)

C3. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

1. Ion Bogdan Cioc, Ioan Lita, Daniel Alexandru Visan, *Multipoint Temperature Measurement with Sensor Mapping for Thermal Characterization of Electrical Apparatus*, 33th International Spring Seminar on Electronics Technology - ISSE 2010, "Polymer Electronics and Nanotechnologies: towards System Integration", ISBN: 978-83-7207-874-2 , pp. 181-183, Warsaw University of Technology, Institute of Microelectronics and Optoelectronics, Warsaw, Poland, May 12-16, 2010, 2010

2. Mariana Jurian, Cristian Panait, Daniel Alexandru Visan, Ion Bogdan Cioc, *Monitoring Drinking Water Quality and Wireless Transmission of Parameters*, 33th International Spring Seminar on Electronics Technology - ISSE 2010, "Polymer Electronics and Nanotechnologies: towards System Integration", ISBN: 978-83-7207-874-2 , pp. 235-236, Warsaw University of Technology, Institute of Microelectronics and Optoelectronics, Warsaw, Poland, May 12-16, 2010, 2010

3. Ioan Lita, Daniel Alexandru Visan, Ion Bogdan Cioc, *Reliable System for Measurement and Monitoring of Environmental Parameters*, 33th International Spring Seminar on Electronics Technology - ISSE 2010, "Polymer Electronics and Nanotechnologies: towards System Integration", ISBN: 978-83-7207-874-2 , pp. 237-238, Warsaw University of Technology, Institute of Microelectronics and Optoelectronics, Warsaw, Poland, May 12-16, 2010, 2010

4. Cornel Talpalariu, Jeni Talpalariu, Corina Matei, Ioan Lita, Ion Bogdan Cioc, Daniel Alexandru Visan, Victor Vulpe, Mihai Octavian Dima, Petre Marian, *Radiations Monitoring System with Miniature*

Radiometers Based on Semiconductor Detectors, 2010 IEEE 16th International Symposium for Design and Technology of Electronic Packaging - SIITME 2010, pp. 267-270, ISBN 978-1-4244-8122-4, Pitesti, Romania, 23-26 September 2010, 2010

5. Daniel Alexandru Visan, Ioan Lita, Ion Bogdan Cioc, *Temperature control system based on adaptive PID algorithm implemented in FPAA*, 34th International Spring Seminar on Electronics Technology - ISSE 2011, "New Trends in Micro/Nanotechnology", ISSN: 2161-2528, Print ISBN: 978-1-4577-2111-3, pp. 501 - 504, Digital Object Identifier: 10.1109/ISSE.2011.6053937, <http://ieeexplore.ieee.org/>, Department of Technologies in Electronics, Faculty of Electrical Engineering and Informatics, Technical University of Košice, Tatranska Lomnica, Slovak Republic, May 11-15, 2011, 2011

6. Cornel TALPALARIU, Ioan LITA, Daniel Alexandru VISAN, *Solid-state radiation detector for portable radiometers*, 4th International Conference on Electronics, Computers and Artificial Intelligence – ECAI 2011, pp. 25-29, Series Electronics, Computers and Artificial Intelligence, Vol. 4 - Nr. 2/2011, ISSN 1843-2115, Pitesti, Romania, 30 Iunie - 2 Iulie 2011, 2011

7. Ioan Lita, Daniel Alexandru Visan, *Implementation of a Conditioning Circuit for Radiation Detectors*, 2011 IEEE 17th International Symposium for Design and Technology of Electronic Packaging - SIITME 2011, pp. 241-244, ISBN 978-1-4577-1277-7, Politechnica University of Timișoara, Faculty of Electronics and Telecommunications, Timisoara, Romania, 20-23 October 2011 acerun:yes'> pp. 71 -77, Series Electronics, Computers and Artificial Intelligence, Vol.4- Nr. 7/2011, ISSN 1843-2115, Pitesti, Romania, 30 Iunie - 2 Iulie 2011, 2011

8. Daniel Alexandru Visan, Ioan Lita, *Communication circuit with pulse modulation for transmission of signals from sensors*, 35 International Spring Seminar on Electronics Technology - ISSE 2012, "Power Electronics", ISSN: 2161-2528, PrintISBN: 978-1-4673-2241-6, pp. 416 - 419, Digital Object Identifier: 10.1109/ISSE.2012.6273172, <http://ieeexplore.ieee.org/>, Department of Applied Electronic Materials (AEM), Institute of Sensor and Actuator Systems, Vienna University of Technology, Bad Aussee, Austria, May 9-13, 2012, 2012, (TC_3_2012_DECIE)

9. Ion Bogdan Cioc, Cornel Talpalariu, Jeni Talpalariu, Corina Matei, Ioan Lita, Daniel Alexandru Visan, *Implementation of Charge Sensitive Amplifier/Discriminator for PIN Diode Radiation Detectors*, 36 International Spring Seminar on Electronics Technology - ISSE 2013, "Automotive Electronics", ISSN: 2161-2528, PrintISBN: 978-606-613-064-6, pp. 388-392, Digital Object Identifier: 10.1109/ISSE.2013.6648278., <http://ieeexplore.ieee.org/>, "1decembrie 1918" University of Alba Iulia, Alba Iulia, Romania, May 8-12, 2013., 2013, (TC_4_2013_DECIE)

F. Granturi / proiecte de cercetare în perioada 2008 - 2017

F2. Granturi / proiecte câștigate prin competiție națională

1. I. Lita (director de proiect), M. Jurian, D. Visan, B. Cioc, Șt. Oprea: „*Radiometre Miniaturale Neutronice/Gamma cu Corp Solid Destinate Radioprotectiei, Monitorizarii Mediului si Combaterii Traficului de Substante Radioactive- RMNGCS*” contract cercet. Nr. 71-128/ 14.09.2007 CNMP - Parteneriate in domeniile prioritare (PN CDI II), Valoare contract: 2.000.000 lei, Director de proiect: Ioan Lita, Universitatea din Pitesti (Coordonator),

2. D. Scheianu (director/responsabil) responsabil), M. Raducu, Ioan Lita, , Emil Sofron, Nicu Bizon, Mihai Oproescu . „*Tehnologii pe bază de materiale nanostructurate pentru condensatori electrochimici cu strat dublu utilizabili la stocarea energiei electrice - TEHNANOCONEL*”; Contract (cu

AMCSIT) nr. 310/13.09.2006. MEC- PNCDI - AMTRANS, 2006-2008. Valoare : 105000 RON

3. Ilie Popa (director/responsabil), Silviu Ionita, Ioan Lita, Constantin Stanescu, Dumitru Cazacu, Adrian Zafiu, Alin Berechet, “*Controlul si integrarea tehnologica a materialelor si structurilor inteligente*”, (CITMSI); Contract Nr. 259/11.09.2006, Valoare totala: 1.593.290RON, din care 80.000RON UPit, CEEEX 2007

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Cadrul didactic LITA IOAN

Semnătura