LISTA DE LUCRARI PUBLICATE IN ULTIMII 15 ANI
S.l. Dr.ing. Vladescu Marian

1. Marian Vladescu, Mircea Guina, **"Signal Processing in Intensity-Modulated Optical Fiber Sensors"**, at the Symposium on Optoelectronics (5th) SIOEL' 98, organized by Institute Of Optoelectronics Bucharest, September 23-25, **1998 Bucharest, Romania**, Included in conference proceedings at pag. 247-251.

2. Svasta P., Vlădescu M., Golumbeanu V., Codreanu N-D., Ciszkowski W., "**Signal Integrity Analysis in Cost Sensitive Interconnections"**, Proceedings IMAPS/ NATO, Electronic Packaging for High Reliability and Low Cost Electronics, Editor Rao Tummala, Georgia Institute of Technology, **Bled, Slovenia**, Kluwer Academic Publishers **1999**, pag. 9-17.

3. Dan Tudor Vuza, Marian Vladescu, "**Computation of the Ripple in the Response of the Optical Sensors with Synchronous Detection Signal Processing"**, at the National Conference in Optoelectronics organized by the Romanian Society for Optoelectronics, the Division for Information Science and Technology of the Romanian Academy of Scientists, "Politehnica" University of Bucharest, "Politehnica" University of Pitesti, the Military Academy, the Institute for Electronical Optics and others, October **1999, Bucharest, Romania**. Included in conference proceedings at pag. 235-240.

4. Dan Tudor Vuza, Marian Vladescu, **"Evaluation of Synchronous Detection Signal Processing Performances in Optical Sensors"** at the International Symposium for Design and Technology in Electronic Packaging SIITME 1999, organized by "Politehnica" University of Bucharest, Department of Electronics Technology and Reliability, Center of Technological Electronics and Interconnections Techniques and Research Institute for Hydraulic and Pneumatic Bucharest, September 23-26, **1999 Bucharest, Romania**. Included in conference proceedings at pag. 235-240.

5. Marian Vladescu, Dan Tudor Vuza, **"Optimization of Synchronous Detection Signal Processing Circuits for Intensity-Modulated Optical Sensors"**, at the 23rd International Spring Seminar on Electronics Technology organized by the Department of Electronics Technology of Budapest University of Technology and Economics, May **2000, Balaton, Hungary**. Included in conference proceedings at pag. 395-400.

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9. Paul Svasta, Dan Tudor Vuza, <u>Marian Vladescu,</u> "**Search System For The Passive Electronic Components Best Fitted To A Project",** at the 8th International Symposium for Design and Technology of Electronic Modules, September 19-22, **2002, Cluj-Napoca, Romania.** Included in conference proceedings at pag. 232-234.

10. Petre Stroica, <u>Marian Vlădescu,</u> **"A survey of two-dimensional codes for optical CDMA",** at the Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies Conference ATOM-N 2006 organized by the "Politehnica" University of Bucharest, the Center of Optoelectronics Research, November **2006, Bucharest, Romania**. Included in the Proceedings of the Conference, registered as a SPIE publication.

11. Petre Stroica, <u>Marian Vlădescu,</u> **"An overview on biometric identification methods and implementations",** at the Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies Conference ATOM-N 2010 organized by the "Politehnica" University of Bucharest, the Center of Optoelectronics Research and Constanta Maritime University, August **2010, Constanta, Romania**. Included in the Proceedings of the Conference, registered as a SPIE publication.

12. <u>Marian Vladescu,</u> Norocel Codreanu, Andreea Bonea, Paul Svasta, **"Simulating an optoelectronic sensor with intensity modulation using the PSpice – MATLAB/Simulink interface",** at the Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies Conference ATOM-N 2010 organized by the "Politehnica" University of Bucharest, the Center of Optoelectronics Research and Constanta Maritime University, August **2010, Constanta, Romania**. Included in the Proceedings of the Conference, registered as a SPIE publication.

13. <u>Marian Vladescu,</u> Norocel Codreanu, Andreea Bonea, Paul Svasta, **"Modelling the Optical Behaviour of LED's and PD's for PSpice Simulation Readiness",** at IEEE International Symposium for Design and Technology in Electronic Packaging SIITME 2010, organized by University of Pitesti and Politehnica University of Bucharest, September **2010**, **Pitesti, Romania.** Included in the Proceedings of the Conference ISBN 978-1-4244-8122, pp. 209 – 212, 2010.

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25. P. Stroica and M. Vladescu, **"Implementation of a multiple biometric identification system based on face, fingerprints and iris recognition"**, at the Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies Conference ATOM-N 2012 organized by the "Politehnica" University of Bucharest, the Center of Optoelectronics Research and Constanta Maritime University, August **2012, Constanta, Romania**. Included in the Proceedings of the Conference, registered as a SPIE publication.

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