**Șef lucrări dr.ing. Mihai NEGHINĂ**

**Listă lucrări**

# Articole ISI

# Christoph Rasche, Ciprian Tiganesteanu, Mihai Neghina, Alina Sultana, “*Cervical Nuclei Classification: Feature Engineering versus Deep Belief Network”,* Medical Image Understanding and Analysis Conference (MIUA 2017), 11 - 13 July, Edinburgh, Scotland, 2017 (de verificat indexarea)

# Mihai Neghina, Radu Emanuil Petruse, Sebastian Olteanu, Ioan Bondrea, Lucian Lobont and Gabriel Stanciu, “*Robotized Semiautomatic Motorcycle Transmission Development. Electronic and Software Design*”, **8th International Conference on Manufacturing Science and Education (MSE 2017),** Sibiu, Romania , June 7-9, 2017 (de verificat indexarea)

# Victor-Emil Neagoe, Mihai Neghină, “*Face detection in color images using fusion of the chrominance and luminance channel decisions*”, 8th International Conf. on Communications, Bucharest, Romania, pp. 229-232, ISBN: 978-1-4244-6360-2, 10th-12th June, 2010

# Victor-Emil Neagoe, Cristian Tudor Tudoran, Mihai Neghină, *“A neural network* *approach to pedestrian detection”*, 13thWSEAS International Conference onComputers, Rodos, Greece, pp. 374-379, ISBN ~ ISSN:1790-5109 , 978-960-474-099-4, 23rd-25th July, 2009

# Rodica Stoian, Lucian Perişoară, Mihai Neghină, *“Performances of FEC coded* *MIMO OFDM systems”*, 4th European Conf. on Circuits and Systems for Communications, Bucharest, Romania, pp. 295-300, ISBN: 978-1-4244-2419-1, 10th-11th July, 2008

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1. **M. Neghina**, C. Rasche, M. Ciuc, A. Sultana, “*Automatic detection of cervical cells in Pap-smear images using polar transform and k-means segmentation*”, International Conference on Image Processing Theory, Tools and Applications (IPTA), Oulu, Finland, December 12-15, **2016**
2. V. Neagoe, **M. Neghina**, M. Datcu, *“A Neural Network Approach for Land-Cover Change Detection in Multi-Temporal Multispectral Remote-Sensing Imagery”,* 11th WSEAS International Conf. on Signal Processing, Computational Geometry and Artificial Vision, Florence, Italy, pp. 221-226, ISBN: 978-1-61804-027-5, 22nd-25th August, **2011**
3. Victor-Emil Neagoe, Catalina Elena Neghină, **Mihai Neghină**, “*Ant Colony Optimization for Logistic Regression and Its Application to Wine Quality Assessment*”, International IEEEAM Conference on Mathematical Models for Engineering Science (MMES'10), Tenerife, Spain, pp. 195-200, ISBN: 978‑960‑474‑252‑3, 30th November - 2nd December, **2010**
4. Victor-Emil Neagoe, **Mihai Neghină**, *“Face Detection Using a Dual Cross-Validation of Chrominance/ Luminance Channel Decisions and Decorrelation of the Color Space”*, International Conf. on Computers, Part of the 14th WSEAS CSCC Multiconference, Corfu Island, Greece, pp. 391-396, ISBN: 978-960-474-201-1, 23rd-25th July, **2010**

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1. V. Neagoe, **M. Neghina**, M. Datcu, “*Neural Network Techniques for Automated Land-Cover Change Detection in Multispectral Satellite Time Series Imagery”,* NAUN International Journal of Mathematical Models and Methods in Applied Sciences, **ISSN: 1998-0140, Volume 6, 2012**

**Cărți**

1. Cătălina NEGHINĂ, Alina SULTANA, **Mihai NEGHINĂ**, “*MATLAB. Un prim pas spre cercetare*”, Editura Universității “*Lucian Blaga*”, ISBN: ISBN 978-606-12-1213-2, Sibiu, **2016**

**Brevete**

1. **Receiving node in a packet communications system and method for managing a buffer in a receiving node in a packet communications system**

*Inventors (3)*: Florin-Laurentiu Stoica, **Mihai Neghina**, Adrian Raileanu

*Publication number*: (Publication type: Application) EP2415217 A2 / EP2415217 A4 / US20120008641 A1 / CN102292943 A WO2010112975 A3, (Publication type: Grant) EP2415217 B1 / US8594126 B2 / CN102292943 B

*Publication date*: (Application) 8 Feb 2012 / 15 Aug 2012 / 12 Jan 2012 / 21 Dec 2011

28 Jul 2011; (Grant) 21 Aug 2013 / 26 Nov 2013 / 11 Mar 2015

1. **Data packet frequency**

*Inventors (2)*: **Mihai Neghina**, Florin-Laurentiu Stoica

*Publication number*: (Publication type: Application) US20110149082 A1;

(Publication type: Grant) US9106551 B2 / DE602007014122 D1

*Publication date*: (Application) 23 Jun 2011; (Grant) 11 Aug 2015 / 1 Jun 2011

1. **Generating a frame of audio data**

*Inventors (2)*: [Adrian Susan](http://www.google.ch/search?tbo=p&tbm=pts&hl=en&q=ininventor:%22Adrian+Susan%22), [**Mihai Neghina**](http://www.google.ch/search?tbo=p&tbm=pts&hl=en&q=ininventor:%22Mihai+Neghina%22)

*Publication number*: (Publication type: Grant) EP2153436 B1 / US8468024 B2

*Publication date*: 9 Jul 2014 / 18 Jun 2013