

# CURRICULUM VITAE

## 1. PERSONAL INFORMATION

Name: Nedelcuț  
Surname: Catalin Mihai  
Date of birth: 05 December 1968  
Nationality: Romanian  
Marital status: Married

## 2. CONTACT DATA

Address: Craiova, Bv. Dacia, nr. 92, Bl E4, Sc. 1, Ap.8, Dolj County, Romania  
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## 3. EDUCATION

- Oct. 2005 - present University of Craiova, Electrical Engineering PhD student, thesis topic: "Contributions on monitoring and adjusting the parameters of the culture medium mushrooms of the genus Pleurotus.
- Sept. 1988 - June 1994 University of Craiova, Faculty of Electric. Engineer Diploma in specialization "Electric".
- Sept. 1983 - June 1987 Nr Industrial School. 1, Bacalaureat diploma.
- Sept. 1975 - June 1983 School No. 24 Craiova.

## 4. PROFESSIONAL EXPERIENCE

- Aug. 1994 - present Center Implementation Inventions scientist.

## 5. GRANTS

- 2005 - 2007 Grant CEEEX nr.21/2005 "Innovative Biotechnologies to produce functional food based on mushrooms Pleurotus preparation and operation of industrial, responsible contract;
- 2003 - 2005 Grant CALIST nr.4221/2003 "computerized system for monitoring and testing of rubber products to assess their compliance, responsible contract;
- 2006 - 2008 Grant CEEEX nr.126/2006 "Research on an intelligent rail vehicle for transporting secure, comfortable and efficient travel. State research team.
- 2005 to 2007. Volume nr.17C/2005, theme 12, code volume 89 "theoretical and experimental research on remote voice systems operated facilities for high technique using neuro-fuzzy". State research team.
- 2003 to 2004. Grant 4402/2003 CALIST development, implementation and certification of the Quality Management System conforming to ISO 9001: 2001 in Center research technical university environment. "State research team.
- 2001 to 2003. Grant CALIST 2001 "Design, implementation and certification System Quality Management according to ISO 9001 standard in a unit of higher education, a way in the agriculture and how the electric profile. State research team.
- 2000 to 2001. GRANT ANSTI - 2000 Systems optimal driving (minimum losses, limited shock, low harmonics) remote control for bridge cranes. State research team.
- 2000 to 2002. Contract CIITT 575/2000 - ANSTI in collaboration with Technical University of Moldova Autonomous Systems automated - sources of electric power supply of anti-consumer services, using solar and wind. State research team.
- 1999 to 2000. Contract 481/99/B4-ANSTI "Research on system with a microcontroller for acquisition and analysis of vibration of railway locomotives for hauling the Application of Patent

## 6. POWERS.

- Computers Microsoft Office, Matlab Simulink, AutoCAD, Corel Draw, ORCAD, Visual Basic, Visual C + +.
- Foreign languages English - Speaking: environment Posted: medium.

## 7. AREAS OF INTEREST

- Technologies on food and food processing;
- embedded control systems
- Automated Systems

## 8. MEMBERSHIP IN PROFESSIONAL ASOCIATII

Member of the General Association of Engineers in Romania (AGIR)

## 9. PUBLICATIONS

Scientific papers

- Alboteanu L. Ravigan FI, **Nedelcuț C.**, Manolea Gh, traffic monitoring energy from solar panels to consumers ranked by priority, Scientific Symposium of the Romanian engineers everywhere (SINGRO 2006), 13-14 September. Bucharest, 2006.
- Alboteanu L., Novac Al., Gh Manolea, **Nedelcuț C** system for monitoring the movement of energy from photovoltaic panels to consumers ranked by priorities, No CBI. A-0069 of 22.01.2009.
- Manolea, Gh, Alboteanu L., **C. Nedelcut**, FI Ravigan, Aunt R. optimal order systems poztionare motor current with minimal loss of energy. Scientific Symposium of the Romanian engineers everywhere (SINGRO 2006), 13-14 September., Bucharest, 2006.
- Manolea Gh, Alboteanu L., **C. Nedelcuț**, Aunt R., Order of the optimum positioning motor current with minimal loss of energy. Bulletin no.4 AGIR 2006.
- Manolea Gh, **Nedelcuț C.**, D. Tapu, Results on the design of an intelligent vehicle for passenger transport, Romanian Engineers Symposium everywhere SINGRO 2008, Bucharest 11-12.09.2008.
- **Nedelcut C.**, Manolea Gh, Novac Al., Ravigan FI, Alboteanu L. The automation and supervision of the cultivation environment for Horticulture products, Annals of the University of Craiova, Series horticulture, vol XI, Ed Universitaria , 2006, ISSN 1334-1274, pp 131-133.
- **Nedelcuț C.**, Manolea Gh, Al Novac. Ravigan FI, Alboteanu L. The automation and supervision of the cultivation environment for Horticulture functionary-food products. Bulletin of the Polytechnic Institute of Iasi, Tome LII (LVI) Fascicle 5, 2006.
- **Nedelcut C.**, Manolea Gh, Mr. Popescu, Alboteanu L., The numerical simulation of the culture medium for the genus Pleurotus mushrooms, Proc. of the International Conference of Applied and Theoretical Electricity, October 26-28., Herculane Spa, 2006, Ed Universitaria 2006, ISSN 1832-3804 pp.318-324;
- **Nedelcut C.**, Manolea Gh, Al Novac., FI Ravigan, The automation and supervision of the cultivation environment for Horticulture products. Annals of the University of Craiova, Series holticultura, vol XI, Ed Universitaria, 2006, ISSN 1435-1275, pp 141-144.
- **Nedelcut C.**, Ravigan F., L. Alboteanu, Manolea Gh, Graphic interfaces for automation of horticultural products culture areas. SIELMEN 2007, University of Craiova, Series: Electrical Engineering, nr.31/2007, vol.1, pag.148;
- **Nedelcut C.**, Ravigan FI, Alboteanu L, Manolea, Gh, Graphic interfaces for automation of horticultural products culture areas, 6th International Conference on Electromechanical and Power Systems, October 3-6, 2007 - Chisinau, Rep. Moldavia.
- **Nedelcut C.**, Al Novac., FI Ravigan, Alboteanu L, Humidity measurement in the saturated steam Sterilization spaces, 6th International Conference on Electromechanical and Power Systems, October 3-6, 2007 - Chisinau, Rep. Moldavia.
- **Nedelcut C.**, Al Novac., Ravigan F., L. Alboteanu, Humidity Measurement In The saturated Steam Sterilization Spaces. SIELMEN 2007, University of Craiova, Series: Electrical Engineering, nr.31/2007, vol 2, pag.22;

- **Nedelcut C.**, Manolea Gh, Alboteanu L. Ravigan FI, Al Novac., M. Popescu, filter air space Incubation of the fungus, no CBI. A-0068 of 22.01.2009.
- Ocoleanu FI, I. Popa, Manolea, Gh, **Nedelcut C.** Study of the Skin Effect Influence on Electric Railway Line Heating Supply System, Special Session Sustainable Railway Transportation, 1 ST WSEAS International Conference on URBAN REHABILITATION AND SUSTAINABILITY (üres' 08), Bucharets, Romania, November 7-9, 2008
- D. Tapu, Damian Gh Gh Manolea, **C. Nedelcut** Intelligent Vehicle for Transport Passengers - VISCET Special Session Sustainable Railway Transportation, 1 ST WSEAS International Conference on URBAN REHABILITATION AND SUSTAINABILITY (URES'08) Bucharest, Romania, November, 7-9, 2008

#### **10. Hobby**

Computers / Graphics, Internet, Travel / Adventure, reading, sports, music.

Date  
09 April 2009

Signature