

◇ Date personale

POP MARIA

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◇ Activitate profesionala

- *Doctorat*
 - **Institutie** : Universitatea Tehnica Petrosani
 - **Domeniu**: Masini, aparate si actionari electrice
 - **Conducator stiintific** : Prof.Univ.Dr.Ing. Mihai Tocaci
 - **Titlu** : „Conducerea automata a combinelor de abataj in conditiile de zacamant din Romania „
- *Societati stiintifice sau profesionale*
 - Membru al *Societății Române de Automatică și Informatică Tehnică* (SRAIT) filiala Petrosani
- *Cursuri/Laboratoare*
 - Masurari electrice si electronice
- *Manuale publicate:*
 - Pop, E., Leba, M., Pop, M., **Sisteme de conducere a robotilor. Structura, modelarea, simularea si conducerea robotilor ficsi si mobili**, Editura Didactică și Pedagogică, București, 2007
 - E. Pop, M. Pop - **Programare in limbaj de asamblare I80X86**, Editura Didactica si Pedagogica, Bucuresti, 1999
 - M.Pop, E.Pop – **Conducera automata a combinelor miniere**, Editura Didactica si Pedagogica, Bucuresti, 1994

◇ Cercetare

- *Granturi, contracte de cercetare*
 - Membru colectiv: **Invertor orientat software pentru conducerea inteligenta a actionarilor electrice cu motor de inductie**, grant CNCSIS nr.1067/2002
 - Membru colectiv:**Invertor orientat software pentru conducerea inteligenta a actionarilor electrice cu motor de inductie**, grant CNCSIS nr.74/2003

- *Articole publicate*

- Leba, M., Pop, E., Tabacaru Barbu I.C., Pop, M., **Modeling, Simulation and Control of Wind Turbine**, Control Systems, Proceedings of the 4th WSEAS/IASME International Conference on DYNAMICAL SYSTEMS and CONTROL, Corfu, GREECE, October 26-28, 2008
- Pop E., Leba M., Tabacaru Barbu I.C., Pop M., **Modeling, Simulation and Control of Pico-Hydro Power Plant**, Control Systems, Proceedings of the 4th WSEAS/IASME International Conference on DYNAMICAL SYSTEMS and CONTROL, Corfu, GREECE, October 26-28, 2008
- Tabacaru Barbu I.C., Pop M., **Solar Radiation, Energetic Renewable Resource**, Lucrarile Stiintifice ale Simpozionului International Multidisciplinar "Universitaria SIMPRO 2008", Vol. System Control, Applied Informatics and Computer Engineering, Petrosani, ROMANIA, 16-17 octombrie 2008,
- Pop E., Leba M., Pop M., Tabacaru Barbu I.C., **Modeling and Simulation of Control System Based on Distributions with Water Drain Process Application, New Aspects on Computing Research**, Proceedings of the 2nd European Computing Conference (ECC '08), Malta, September 11-13, 2008
- Pop E., Leba M., Pop M., **Modeling, Simulation and Design of Relay Type Nonlinear Controller, MicroCAD International Scientific Conference**, Applied Information Engineering, Miskolc, Ungaria, 22-23 March 2007
- Neghina F., Pop E., Leba M., Pop M., **Modeling and Simulation of Adaptive Control for Belt Conveyor Electric Drive Systems**, MicroCAD International Scientific Conference, Applied Information Engineering, Miskolc, Ungaria, 22-23 March 2007
- Pop, E, Leba, M, Pop, M, **Drilling Robot Digital Control**, Annals of the University of Petrosani, Mechanical Engineering, Petrosani, Romania, Revista categoria B, 2006.