

◇ Date personale

VAMVU PETRE - MARIAN

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◇ Activitate profesionala

- *Doctorand*
 - **Domeniul:** Ingineria Sistemelor
 - **Institutie:** Universitatea din Petrosani
 - **Conducator stiintific :** Prof.dr.ing.mat POP EMIL
 - **Titlu:** „Implementarea sistemelor cu VLSI in echipamentele pentru medii explozive”
- *Societati stiintifice sau profesionale*
 - Membru al *Societății Române de Automatică și Informatică Tehnică* (SRAIT) filiala Petrosani
- *Cursuri/Laboratoare*
 - **Titular de laborator la disciplinele:**
 - Sisteme de conducere a robotilor
 - Algoritmi paraleli
 - Sisteme distribuite
 - Proiectare cu VLSI

◇ Cercetare

- *Articole publicate*
 - Leba, M., Pop, E, Vamvu P., **Approach on Distributions for Control Systems with Relay Type Nonlinearities**, Annals of the University of Petrosani, Vol. 9, Electrical Engineering, Revista categoria C, 2007
 - Leba, M, Pop, E., Vamvu, P, Tabacaru-Barbu, C, **VLSI Embedded Controller versus Software Oriented Design**, Proceedings of CSC16, Bucuresti,2007.
 - Leba M., Pop E., Vamvu P., Tabacaru Barbu I.C., **Software Oriented Versus VLSI Embedded Controller Design**, MicroCAD International Scientific Conference, Applied Information Engineering, Miskolc, Ungaria, 2007
 - Emil POP, Monica LEBA, Petre Vamvu, **Practical Approach on distributions and their properties with digital control applications**, 14-th International Congresss of Cibernetics and Systems of World Organisation of Systems and Cybernetics (WOSC), 9-12 septembrie
 - Vamvu P.M., Pop E., **Design of a dedicated video controller with specific VLSI Technology**, Universitaria Simpro 2008, sectiunea system control applied informatics and computer engineering, Petrosani, Romania.

- Monica Leba, Emil Pop, Camelia Tabacaru Barbu, Petre Vamvu, **Modeling, simulation and control of photovoltaic power system**, Proceedings of the 4th WSEAS/ IASME International Conference on dynamical systems and control (control `08), Control Systems, Corfu, Greece, October 26-28, 2008