Universitatea "POLITEHINCA" din Timişoara
Facultatea de Electrotehnică şi Electroenergetică
Departamentul de Inginerie Electrică

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Filiala Timişoara

Academia Română
Secţia de Ştiinţe Tehnice
şi Filiala Timişoara

"Power Electronics and Motion Control" (PEMC)

Seminar
Wednesday, May 14, 2014
Hours: 11^{00} – 14^{00}, Room: D104
Moderators: Prof. I. Boldea
Prof. N. Muntean

Papers (accepted for OPTIM 2014, Bran, RO; ECCE2014, Pittsburgh, USA and SPEEDAM2014, Ischia, IT):

[1] **"Parameter Optimal Identification of Dual Three Phase Stator Winding Induction Machine"** , *L. N. Tutelea, S.I. Deaconu and I. Boldea*
[2] **"5-phase BLDC-Multiphase Reluctance Machines: Design, Control, FEA and Steady-State Operation Experiments"**, *D. Ursu, P. Shamsi, B. Fahimi and I. Boldea*
[3] **"Analysis of the Dual Input Hybrid Buck DC-DC Converter in Boundary Conduction Mode"**, *M. Gavriş, L. Cădariu, B. Căruntu, O. Cornea and N. Muntean*
[4] **"50/100 kW, 1350-7000 rpm (600Nm peak torque, 40kg) PM assisted Reluctance synchronous machine: optimal design with FEM validation and vector control"**, *L. N. Tutelea, A. Moldovan-Popa and I. Boldea*
[5] **"Comparative efficiency evaluation of Buck and Hybrid Buck DC-DC converters for automotive applications"**,*O. Pelan, O. Cornea and N. Muntean and F. Blabjerg*
[6] **"Bi-Directional Hybrid DC-DC Converter With Large Conversion Ration for Microgrid DC Busses Interface"**, *O. Cornea, E. Guran, N. Muntean and D. Hulea*
[7] **"A novel design of stator Ferrite PM single phase doubly salient small motor:FEM characterization and controlled dynamics"**, *A. Isfanuti, L.N. Tutelea, F. Kalluf and I. Boldea*
[8] **"Parallel and series 4 Switch Z-Source converters in induction motor drives"**, *M. Baba, C. Lascu F. Blabjerg and I. Boldea*
[9] **"Modeling and Performance of Novel Scheme Dual Winding Cage Rotor Variable Speed Induction Generator with dc Link Power Delivery", *L.Tutelea, S.Deaconu, N. Muntean and I.Boldea***

Note: 15 minutes / presentation + 5 minutes for dialog/each paper