# MACRo2010

## List of accepted papers

| | Name | Paper title |
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| 1 | Levente SZALONTAI, Ernő KOVÁCS, Csaba BLÁGA | Investigation of the Solenoid Switch of an Electric Starter Motor Using Fem Model |
| 2 | Csaba Blága, Ernő Kovács | Performance curves of STARTER BASED ON MATHEMATICAL MODEL |
| 3 | Ernő Kovács, Csaba Blága | Performance curve of alternator BASED on mathematical model |
| 4 | Viktor Füvesi, Ernő Kovács, Csaba Blága | MeasurEment and identification of a starter motor system |
| 5 | Farkas Gyula, Béla Genge, Piroska Haller | A Platform for Implementing Secure Wireless Ad Hoc Networks |
| 6 | Virgil CAZACU, Dan ROBU, Iuliu SZEKELY, Florin SANDU | ECG Tele-monitoring Using Intelligent Network Services |
| 7 | Katalin GYÖRGY, László DÁVID | Comparison between Centralized and Distributed Model Predictive Control |
| 8 | László BAKÓ, Sándor Tihamér BRASSAI, Lajos LOSONCZI, László Ferenc MÁRTON | Embedded system based EEG signal processing |
| 9 | László SZABÓ, Margit ANTAL, Katalin GYÖRGY, László F. MÁRTON | Analysis of Neuroelectric oscillations of the scalp EEG signals |
| 10 | Maria IMECS | Vector control of the Current-excited synchronous generators |
| 11 | Ioan Iov INCZE | Simulation of Position Identification in Electrical Drives Equipped with Incremental Encoder |
| 12 | Csaba SZABÓ | Synchronous Motor Drive with Double Field-Orientation Working at Maximum Power Factor |
| 13 | GermánZoltán | Nonlinear filtering of electrocardiogram signals |
| 14 | Attila Aszalos, József Domokos, Tamás Vajda, Sándor Tihamér Brassai, László Dávid | EXAMBREV Integrated System for Patent Application OVERVIEW |
| 15 | Dominic BIRÓ, Sándor PAPP, László JAKAB-FARKAS | Microstructural modification of (Ti1-xAlxSiy)N thin film coatings as a function of nitrogen concentration |
| 16 | Virgil CAZACU, Laura COBARZAN, Dan ROBU and Florin SANDU | Localization of the Mobile Calls Based on SS7 Information and Using Web Mapping Service |
| 17 | Cornel Aurel STANCA,Veneția SANDU, Iuliu SZEKELY | Control System for Supercapacitor based  ICE Catalyst Preheating |
| 18 | Vlad TURCU | Equivalence Relations for Modulated Signals and Implications on Astronomical Modulators |
| 19 | Faluvégi Erzsébet, Luciana CRISTEA | Creative Technique In The Domain Of Bevel Gears |
| 20 | Forgo Zoltan | Structural Analysis of 6 Dof 3-PRRS Parallel Mechanism |
| 21 | Mesut ACAR, Alper GERCEK, Burak TASASIZ, Z.Yağız BAYRAKTAROGLU, Hikmet KOCABAS | Design of a 12-Dof Biped Robot |
| 22 | Dénes HOLLANDA, Márton MÁTÉ | On Some Pecularities of Paloid Bevel Gear Worm-Hobs |
| 23 | Kakucs Andras | The Electro-Hydraulic Analogy |
| 24 | Bakos Levente | Basic trends in the development of the Holonic Manufacturing Concept |
| 25 | Csikor Levente, Zoltán Fehér | Information Spreading in Self Organizing Mobile Network |
| 26 | Hemant Juneja, Mansi Gulati, Dr. T.V. Prasad, Rina Patel | Gujarati Handwriting Recognition Using 2-D Correlation and Concatenation Tree |
| 27 | Muhammad Haroon Yousaf, Kanza Haroon, Khubab Ahmed, Hafiz Adnan Habib | Human Activity Recognition for Intelligent Video Lecture Recording |