



FINAL AGENDA

Thursday, September 7th, 2017

09.00-09.30	Welcoming Coffee
09.00-09.30	Welcoming Participants and Registration
10.00-10.15	Opening Speech; Discussions <i>Prof. Dr.h.c. PhD Eng. Gheorghe Gheorghe, General Manager of INCDMTM</i>
10.15-13.00	Moderator: Rochdi el Abdi, Mech. Eng., PhD, Larmaur, Université de Rennes, FRANCE
10.20-10.35	TEXT RECOGNITION FOR OBJECTS IDENTIFICATION IN THE INDUSTRY Pedro M.B. Torres
10.35-10.50	RESEARCH REGARDING THE DESIGN OF A CLOSED-LOOP PNEUMATIC POSITIONING SYSTEM WITHOUT USING PROPORTIONAL EQUIPMENT Avram Mihai , Constantin Victor, Amza Meral
10.50-11.05	PNEUMATIC LINEAR INCREMENTAL ACTUATOR Constantin Bucșan , Mihai Avram
11.05-11.20	DIRECT DYNAMICS OF GOUGH-STEWART HEXAPOD PLATFORMS USING THE REDUNDANT PARAMETERISATION OF ROTATIONS BY FULL ROTATION MATRICES Dan Dumitriu , Mihai Mărgăritescu, Ana Maria Eulampia Rolea
11.20-11.40	STUDY ON INSPECTION OF CIRCULAR PARTS USED IN MECHATRONICS Robert Ciobanu , Dana Rizescu, Ciprian Rizescu
11.40-12.00	LOAD FORECASTING IN WIFI ACCESS POINTS OVER THE LTE NETWORK Hugo Marques, Pedro M. B. Torres , Paulo Marques, Rogério Dionísio, Jonathan Rodriguez
12.00-12.20	RESEARCHES ON THE USE OF AIR FILTRATION ELEMENTS IN THE CREATION OF MICROBUBBLES FOR WATER OXYGENATION Nicolae Băran, George Marin , Mihaela Constantin, Rareș Păun, Albertino Roza
12.20-12.35	A NEW APPROACH FOR THE NON-LINEAR ANALYSIS OF THE DEFLECTION OF BEAMS USING LIE SYMMETRY GROUPS M.Amin Changizi, Ion Stiharu (CA) , Davut Erdem Sahin
12.35-12.50	Ion Stiharu (CA)
13.00-14.00	Lunch Break
14.00-16.00	Moderator: Jose Machado, Mech. Eng., PhD, University of Minho, School of Engineering, Mechanical Engineering Department, PORTUGAL
14.00- 14.15	LOAD-BASED GENERIC POLCA: PERFORMANCE ASSESSMENT USING SIMULATION Nuno O. Fernandes , Silvio Carmo-Silva
14.15-14.30	THE STUDY OF PINION – RACK MECHANISM USING MATLAB AND SPYDER-PYTHON Ciprian Ion Rizescu , Dana Rizescu
14.30-14.45	EXPERIMENTAL RESEARCH RELATING TO THE MANUFACTURE OF PARTS BY THE ADDITION OF MATERIAL Dana Rizescu, Ciprian Ion Rizescu
14.45-15.00	STATE OF THE ART SURVEY ON USING ROBOTS IN OIL AND GAS INDUSTRY Ahmed Sachet Hashim, Bogdan Grămescu , Constantin Nițu
15.00-15.15	BOND GRAPHS MODELLING OF ELECTROMAGNETIC ACTUATORS Constantin Nițu, Bogdan Grămescu , Mihai Avram
15.15-15.30	FLUCTUATION OF CONTACT VOLTAGE DURING FRETTING PHASES Rochdi El Abdi , Sofiane El Mossouess, Nouredine Benjemâa, Erwann Carvou, Laurent Doublet
15.30-16.00	Final Discussions

VENUE: Minerva Hotel, Hyla Hall, 2-4 Gheorghe Manu St., 1st District, Bucharest, Romania



«ICOME CYME»

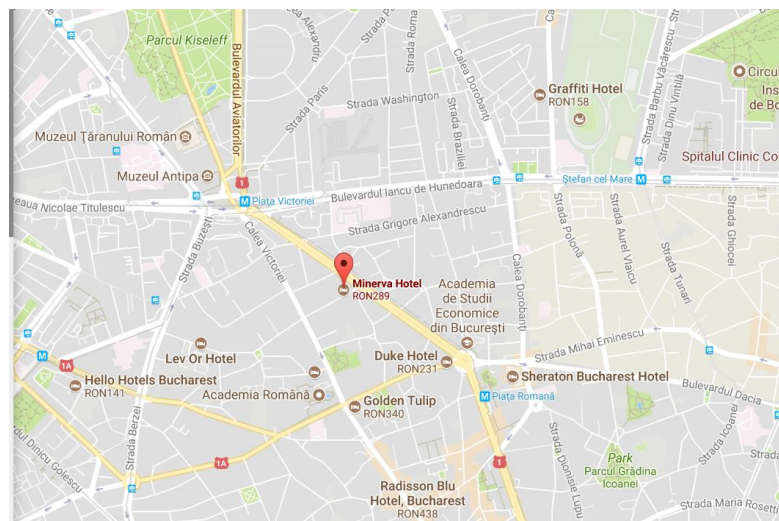
SEPTEMBER 7th – 8th, 2017 / Bucharest, Romania

Friday, September 8th, 2017	
09.00-09.30	Welcoming Coffee
09.30-13.00	Moderator: Rochdi el Abdi, Mech. Eng., PhD, Larmaur, Université de Rennes, FRANCE
09.30-09.50	MECHATRONIC SYSTEM FOR SOLAR ENERGY ACQUISITION Besnea Daniel , Dontu Octavian, Gheorghe I. Gheorghe, Victor Constantin, Spanu Alina
09.50-10.10	REDUCING THE EFFECTS OF FLOODING USING LOCAL INTELLIGENT SYSTEMS Mihai Mărgăritescu , Ana Maria Eulampia Rolea, Anghel Constantin
10.10-10.30	MATHEMATICAL MODELLING OF THE INDUCTION SOLDERING PROCESS FOR THE COILS CONNECTION Ionel Chiriță, E.S. Apostol, Nicolae Tănase , Cristinel Ilie, Marius Popa
10.30-10.50	COUPLING AND ASSEMBLY ELEMENTS USING MICROFABRICATION TECHNOLOGIES Marius Popa, Cristinel Ilie , Daniel Lipcinski, Ionel Chirita, Nicolae Tanase, Simona Apostol
10.50-11.10	CASE STUDY REGARDING MEASUREMENTS IMPLEMENTED WITH THE REPAIR ENTRY A HYDROGREGATE CAMPELA WITH VIBRO EXPERT DIAGNOSIS SYSTEM Ionel Rusa , Cornel Marin, Marius Baidoc
11.10-11.30	CONCEPTUAL MODEL OF COMPUTERIZED MULTIPARAMETER MONITORING SYSTEM FOR DRINKING WATER QUALITY AT NATIONWIDE SCALE Anca Atanasescu, Paul Nicolae Ancuța , Sorin Sorea, Constantin Anghel, Dănut-Iulian Stanciu
11.30-11.50	A NEW METHOD FOR ESTABLISHING THE PERFORMANCES OF AN OPTOELECTRONIC SENSOR S. Petrache , D. Duminiță, L.A. Cartal, T.C. Apostolescu, G. Ionascu, L. Bogatu
12.15-13.00	End of Conference. Closing Remarks
	Networking Activities

Notes:

- (1) You can also register at any time during the conference.
- (2) Certificate of Participation can be obtained from the registration desk.

Conference venue:



VENUE: Minerva Hotel, Hyla Hall, 2-4 Gheorghe Manu St., 1st District, Bucharest, Romania