

Asist. ing. Cristina Carmen MIKLOS (născ. Alic)
 Departamentul Inginerie și Management

**Lucrări științifice, cărți și brevete în domeniul disciplinelor din postul didactic
 (2000-2010)**

**Univeristatea POLITEHNICA din Timișoara. Facultatea de Inginerie Hunedoara.
 Electromecanică. 1999**

A. Teza de doctorat:

Doctorand, UNIVERSITATEA DIN PETROȘANI
 FACULTATEA DE INGINERIE MECANICĂ ȘI ELECTRICĂ
 Domeniul fundamental/Ramura de știință TEHNICĂ ; Domeniul de doctorat/Specializarea ENERGETICĂ

B. Cărți și capitole în cărți

Nr. Crt	Autori	Titlul cărții	Editura	ISBN	Anul	Număr total de pagini	Număr de pag. contr. proprie
1	Alic Carmen, Miklos Cristina	Fundamente de mecanica. Teorie și aplicații	MIRTON Timișoara	ISBN 978-973-52-0478-5	2008	228	79
2	Alic Carmen, Miklos Cristina, Weber Francisc, Cioată Vasile, Miklos Imre, Miklos Zsolt, ș.a	Sinteze – Discipline fundamentale și de specialitate - Partea I- Mecanica. Rezistența Materialelor. Desen tehnic. Toleranțe și control dimensional. Organe de mașini	MIRTON Timișoara	ISBN 973-661-634-7	2005	595	50
3	Alic Cristina (căsăt. Miklos)	Utilizarea pachetului Office - Excel și PowerPoint - în aplicații ingineresti	MIRTON Timișoara	ISBN 973-585-879-7	2003	113	113
4	Alic Cristina (căsăt. Miklos)	Bazele cercetării experimentale. Elemente de teorie și aplicații	Orizonturi Universitare Timișoara	ISBN 973-8109-43-4	2001	50	50

C. Lucrări indexate ISI/BDI

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	BDI (Baza de date internațională)	An	Ziua, luna	ISBN și / sau ISSN	Pag.
1	Rusu Nicolae, Averseng Julien, Miklos Cristina, Alic Carmen, Anghel Stela	Dynamic modeling of pantograph - catenary system for energy loss control	AQTR 2006 - THETA 15, 2006 IEEE-TTTC - International Conference on Automation,	IEEE Explore	2006	25-28 mai	ISBN (10) 973-713-114-2, ISSN (13) 978-973-713-114-0, pag. 11-14.	11-14

			Quality and Testing, Robotics. Proceedings of the AQTR 2006 - THETA 15, 2006 IEEE-TTTC - International Conference on Automation, Quality and Testing, Robotics, Cluj-Napoca, Romania, (IEEE Explore), Cluj-Napoca					
2.	Miklos Imre Zsolt Alic Carmen Miklos Cristina	Protection systems of the tilting mechanisms at the rolling trains	The 20th DAAAM International Symposium "Intelligent Manufacturing & Automation: Theory, Practice & Education", Vienna. ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM, VOL 20, No.1	ISI Scientific Proceedings Thomson Reuters http://www.daaam.com	2009	25-28 nov. 2009	ISSN 1726-9679, ISBN 978-3-901509-70-4	0257 - 0258
3.	Alic Carmen Miklos I. Zsolt Miklos Cristina Mihon Liviu	Implementation of interactive and collaborative computer assisted learning in automotive engineering education	The 20th DAAM International Symposium "Intelligent Manufacturing & Automation: Theory, Practice & Education", Vienna. ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM, VOL 20, No.1	ISI Scientific Proceedings Thomson Reuters http://www.daaam.com	2009	25-28 nov. 2009	ISSN 1726-9679, ISBN 978-3-901509-70-4	0255 - 0256
4.	Carmen ALIC, Zsolt I. MIKLOS Cristina MIKLOS	Integration of Interactive Multimedia Learning Software Into Mechanical Engineering Course's	Annals of the Faculty of Engineering Hunedoara – Journal of Engineering TOME VII (year 2009). Fascicule 3 http://annals.fih.upt.ro/index.html	“B+” CNCISIS ; Index COPERNICUS – Journal Master List ; Genamics JournalSeek database http://www.cncisis.ro/userfiles/file/CENAPOSS/e_tapa7.pdf	2009	Sept.	ISSN 1584 – 2673	242-245

				http://journals.indexcopernicus.com http://journalseek.net/				
5.	Carmen ALIC, Cristina MIKLOS, Zsolt I. MIKLOS	Upon the Actual Tendencies in Modeling and Simulating the Behavior of the Pantograph - Catenary Pairing	Machine Design 2009 Anniversary Vol. of the Faculty of Technical Sciences Novi Sad, http://www.ftn.ns.ac.yu/english/mag/index.html	Index COPERNICUS – Journal Master List http://journals.indexcopernicus.com/karta.php?action=masterlist&id=4294	2009	Mai	ISSN 1821-1259	85-90, 6 pg
6.	Miklos I. Zsolt Miklos Cristina Alic Carmen	Experimental determination of the ringing springs stiffness	Journal of Engineering Annals of Faculty of Engineering Hunedoara VIII, FASC3, http://annals.fih.upt.ro/index.html	“B+” CNCISIS ; Index COPERNICUS – Journal Master List; Genamics JournalSeek database http://www.cncis.ro/userfiles/file/CENAPOSS/e_tapa7.pdf http://journals.indexcopernicus.com http://journalseek.net/	2010	Sept.	ISSN 1584 – 2673	241-244 4 pg
7.	Miklos I. Zsolt Alic Carmen Miklos Cristina	Analysis of seat positioning mechanism in road vehicl	Acta Technica Corviniensis - Bulletin of Engineering Hunedoara Fasc.3, TOME III, http://acta.fih.upt.ro/bibliographic-info.html	Index COPERNICUS – Journal Master List ; Genamics JournalSeek database http://www.cncis.ro/userfiles/file/CENAPOSS/e_tapa7.pdf http://journals.indexcopernicus.com http://journalseek.net/	2010	Sept.	e-ISSN: 2067-3809	27-30 4 pg.
8.	Rusu-Anghel Stela, Miklos Cristina , Averseng Julien, Tirian Gelu O.	Control System for Catenary-Pantograph Dynamic Interaction Force	Proceedings of 2010 International Joint Conference on Computational Cybernetics and Technical Informatics (ICCC-CONTI) Timisoara, Romania	IEEE XPLORE	2010	Mai	ISBN 978-1-4244-7432-5	181-186

D. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)

- Reviste din străinătate

Nr. crt.	Autorii	Titlul lucrării	Publicația (Nr., anul, pag.)
1.	Miklos Cristina Miklos Imre Zsolt Cioată Vasile Alic Carmen	Modeling and analyzes the catenary suspension in railway electric traction	Machine builings and electrotechnics, No. 12/2005, Sofia – Bulgaria, Pag. 60-63 ISSN 0025-455X
2.	Miklos Imre Zsolt Miklos Cristina Cioată Vasile Alic Carmen	Spur gearing computer design with Autodesk Inventor Series 10	Machine builings and electrotechnics, No. 12/2005, Sofia – Bulgaria Pag. 72-75 ISSN 0025-455X
3.	Cioată Vasile Miklos Imre Zsolt Alexa Vasile Miklos Cristina Kiss Imre	Possibilities of controlling the qualitative characteristics of the die forging parts of semisolid materials	Machine builings and electrotechnics, No. 12/2005, Sofia – Bulgaria Pag. 27-30, ISSN 0025-455X

- Reviste din țară

Nr. Crt	Autori	Titlul lucrării	Revista	Categ CNCISIS (B, C)	An	Vol (Nr.)	Pag.
4.	Miklos Imre Zsolt, Miklos Cristina , Alic Carmen,	Beam structures Static and Dynamic Analysis with Finite Element Method in Algor Program	Journal of Engineering Annals of Faculty of Engineering Hunedoara ISSN 1584-2663	B	2008	VI	237-239
5.	Miklos Imre Zsolt, Miklos Cristina Alic Carmen	Up and down car mechanism dynamic simulation	Journal of Engineering Annals of Faculty of Engineering Hunedoara, ISSN 1584 – 2673	B	2008	VI FASC 3	240-244
6.	Alic Cristina , Rusu Nicolae, Alic Carmen	Tendințe actuale în modelarea matematică a structurilor de rezistență utilizate în tracțiunea electrică feroviară	Analele Facultății de Inginerie din Hunedoara, ISSN 1454-6531	C	2002	Tom. III Fasc.2	33-38
7.	Alic Carmen, Alic Cristina , Rusu Nicolae	Considerations of the tendencies in modeling and simulating the behavior of the complex resistance structure, used in rail electric traction	Bulletin ASTR-Romanian Academy for Technical Sciences – Technical Mechanics, STRENGTH OF MATERIALS	C	2002	4	35-40
8.	Alic Cristina M. Bălan, M.Dumitresc,	Aspecte ale optimizării proiectării structurilor prin programare liniară	Analele Facultății de Inginerie din Hunedoara, ISSN 1454-6531	C	2002	Tom IV, Fasc. 1	6
9.	M. Bălan, M.Dumitresc Alic Cristina	Sistem informatic de gestiune pentru o agenție imobiliară	Analele Facultății de Inginerie din Hunedoara, ISSN 1454-6531	C	2002	Tom IV, Fasc.1	6

10.	Alic Cristina	Posibilități de analiză statistică a datelor experimentale în vederea evaluării caracteristicilor materialului din structurile de rezistență aflate în exploatare	Analele Facultății de Inginerie din Hunedoara ISSN 1454-6531	C	2001	Tom II, Fasc.4	6
11.	Alic Cristina	Study upon the opportunity of choosing types of adjustable brushless electric generators meant for feeding isolated consumers	Analele Facultății de Inginerie din Hunedoara, ISSN 1454-6531	C	2001	Tom II, Fasc.2	6
12.	Alic Cristina	Considerații privind influența imperfecțiunilor elementelor structurilor metalice de rezistență, asupra comportării sub încărcările din exploatare	Analele Facultății de Inginerie din Hunedoara, ISSN 1454-6531	C	2001	Tom II	4
13.	Alic Carmen, Alic Cristina	Cercetări experimentale asupra materialului metalic din structurile de rezistență aflate în exploatare	Analele Universității „PETRU MAIOR” din Târgu Mureș, ISBN 973-8084-13X	C	2000	Sect.2	17-24
14.	Alic Cristina	Considerații privind dimensionarea structurilor metalice supuse acțiunilor dinamice provenite din mase neechilibrate în rotație	Analele Facultății de Inginerie din Hunedoara, ISSN 1454-6531	C	2000	Tom I, Fasc.3	69-76

- **Selecție cu maximum 20 lucrări in volume de conferințe**

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Pag
15/1	Miklos I. Zsolt, Miklos Cristina Alic Carmen Inge	Computer Aided design possibilities of threaded Fasteners	11 th International Symposium “Interdisciplinary Regional Research” ISIRR 2010 – Hungary–Romania–Serbia. Szeged, Hungary http://www.isirr2010.hu/cms/ http://www.uns.ac.rs/sr/novosti_dogadjaji/ISIRR/2010/ISIRR_2010Program.pdf	2010	13-15 October	CD-ROM	6
16/2	Alic Carmen Inge, Miklos I. Zsolt, Miklos Cristina	Using Computer Graphics and Computer Aided Design methods into the conception of the bolted connections	11 th International Symposium “Interdisciplinary Regional Research” ISIRR 2010 – Hungary–Romania–Serbia. Szeged, Hungary http://www.isirr2010.hu/cms/ http://www.uns.ac.rs/sr/novosti_dogadjaji/ISIRR/2010/ISIRR_2010Program.pdf	2010	13-15 October	CD-ROM	6

17/3	Carmen ALIC, Cristina MIKLOS , Imre Zs. MIKLOS	Finite Element Analysis of a Seat Belt Buckle Device	International Symposium on Advanced Engineering & Applied Management–40 th Anniversary in Higher Education (1970-2010) Hunedoara, ROMANIA	2010	4 - 5 Nov.	ISBN 978-973- 0-09340-7	11- 16
18/4	Cristina MIKLOS , Imre Zsolt MIKLOS, Carmen ALIC	Computer Aided Analysis of a Differential Gear With Simple Satellite	International Symposium on Advanced Engineering & Applied Management–40 th Anniversary in Higher Education (1970-2010) Hunedoara, ROMANIA	2010	4 - 5 Nov.	ISBN 978-973- 0-09340-7	77- 80
19/5	Imre Zsolt MIKLOS, Carmen Inge ALIC, Cristina MIKLOS	Indexing Device With Spherical Elements (Balls)	International Symposium on Advanced Engineering & Applied Management–40 th Anniversary in Higher Education (1970-2010) Hunedoara, ROMANIA	2010	4 - 5 Nov.	ISBN 978-973- 0-09340-7	229- 232
20/6	Carmen Inge ALIC, Sorin Aurel RAȚIU, Vasile ALEXA, Cristina MIKLOS , Imre Zsolt MIKLOS	Create of Interactive Learning Resources Structured in Database, for the Acquisition of Knowledge and Skills in the Welding Field	International Symposium on Advanced Engineering & Applied Management–40 th Anniversary in Higher Education (1970-2010) Hunedoara, ROMANIA	2010	4 - 5 Nov.	ISBN 978-973- 0-09340-7	237- 244
21/7	Alic Carmen Inge, Miklos Cristina Miklos I. Zsolt	Interactive and collaborative learning in mechanical engineering using internet	ISIRR 2009 – 10th International Symposium “Interdisciplinary Regional Research” – Romania– Hungary–Serbia. Hunedoara	2009	23-24 April	-	6
22/8	Alic Carmen Inge, Miklos I. Zsolt, Miklos Cristina	Integration of interactive multimedia learning software into mechanical engineering course's	ISIRR 2009 – 10th International Symposium “Interdisciplinary Regional Research” – Romania – Hungary – Serbia. Hunedoara	2009	23-24 April	-	6
23/9	Alic Carmen, Miklos I. Zsolt, Miklos Cristina	Computer Aided Design Methods for an Optimal Quality of Conception and Exploitation of the Pre- Stressed Bolted Joints	MANAGEMENT OF MANUFACTURING SYSTEMS MMS-2008 The 3 rd Conference With International Participation, Prešov, SLOVAKIA	2008	Septem ber	ISBN 978-80- 553-0069- 6	6
24/10	Miklos Cristina , Miklos I. Zsolt, Alic Carmen	Kinematic and Dynamic Analysis for EP3 Asymmetric Pantograph Mechanism used in Railway Electric Traction with SAM 5.0 Programs	THE 5TH INTERNATIONAL SYMPOSIUM ABOUT SHAPING, INDUSTRIAL AND PRODUCT DESIGN, „KOD 2008“, Novi Sad/ Palić, Serbia p.181-186	2008	April	ISBN 86- 85211-92- 1	6
25/11	Miklos I. Zsolt, Miklos Imre, Alic Carmen Inge, Miklos Cristina	Cam mechanisms – modeling and dynamic analysis with Autodesk Inventor	The 5th International Symposium ABOUT SHAPING, INDUSTRIAL AND PRODUCT DESIGN „KOD 2008“, Novi Sad/ Palić, Serbia	2008	April	ISBN 86- 85211-92- 1	385- 388, 4
26/12	Miklos Cristina , Miklos Imre Zsolt, Cioată Vasile, Alic Carmen	Modelling and analyzes the catenary suspension in railway electric traction	MTM International Industrial Conference, Sofia, Bulgaria, Scientific–Technical Union of Mechanical Engineering	2006	27, Mars	ISBN 10:954- 9322-15-7 ISBN 13:978- 954-9322- 15-6	4

27/13	Miklos Imre Zsolt, Miklos Cristina, Cioata Vasile, Alic Carmen	Spur gearing computer design with Autodesk Inventor Series 10	MTM 2006 International Industrial Conference, Sofia, Bulgaria, Scientific–Technical Union of Mechanical Engineering	2006	27 Mars	ISBN 10:954- 9322-15-7 ISBN 13:978- 954-9322- 15-6	6
28/14	Alic Carmen, Miklos Cristina, Miklos Imre Zsolt, Manda Nicolae	Theoretical and Experimental Researchers Regarding the Estimation on the Safety in Exploitation of Industrial Constructions	8 th International Symposium on Interdisciplinary Regional Research Hungary-Romania- Serbia and Montenegro, ISIRR, Szeged, Hungaria	2005	April	CD-ROM	6
29/15	Alic Carmen, Miklos Cristina, Miklos Zsolt	Experimental Research on the Metallic Material from the Elements of Resistances Structures in Exploitation	International Scientific Conference– IRMES' 2004, Research and Development of Machine Elements And Systems, Kragujevac, Serbia – Muntenegro, p.101-107	2004	Sept.	CD-ROM	6
30/16	Miklos Imre Zsolt Miklos Cristina	Modeling and analyses plan mechanisms with Adams 12	6 th International Symposium „Young People Multidisciplinary Research” Timisoara, Editura Sudura	2004	24-25 Sept.	ISBN 973-8359- 26-0,	192 - 197
31/17	Miklos Cristina Miklos Imre Zsolt	Theoretical aspects about the actual research concerning the physical and mathematical modeling catenary suspension and pantograph in electric railway traction	6 th International Symposium „Young People Multidisciplinary Research” 24-25 Septembrie 2004 Timisoara, Editura Sudura	2004	24-25 Sept.	ISBN 973-8359- 26-0	186 - 191
32/18	Alic Cristina	The present tendency in the mathematical modeling of the catenary pantograph suspension ensemble, in electric railway traction	The 4 th International Conference on Electromechanical and Power Systems Sielmen, 2003, Chişinău	2003	Sept.	-	6
34/19	Alic Carmen, Miklos Cristina	Research and Experimental Investigation on the Behavior in Exploitation of Metal Workshops in Siderurgy	Jahorina – Irmes 2002 International Scientific Conference Research and Development of Mechanical Elements and Systems, Serbia- Muntenegro	2002	Sept.	CD-ROM	6
35/20	Deaconu Sorin Alic Cristina	Realizarea modelului matematic pentru generatorul sincron reactiv homopolar cu excitație statorică, cu metoda circuitelor magnetice echivalente	Lucrările Științifice ale Simpozionului Internațional „UNIVERSITARIA ROPET 2000”, Secțiunea Inginerie Electrică	2000	Oct.	ISBN 973-8035- 64-3	77- 82
36/21	Deaconu Sorin Alic Cristina	Simularea caracteristicilor generatorului sincron reactiv homopolar cu excitație statorică în limbaj C	Lucrările Științifice ale Simpozionului Internațional „UNIVERSITARIA ROPET 2000”, Secțiunea Inginerie Electrică	2000	Oct.	ISBN 973-8035- 64-3	95- 98

ianuarie 2011