Europass Curriculum Vitae			
Personal information			
Numele si Prenumele	**ILIE Cristinel Ioan**		
Addresa	Drumul Belsugului 70E, sector 6, Bucuresti, Romania		
Telefon	0040 21 346 72 31	Mobile	0040 745 86 80 58
Fax	0040 21 346 82 99		
E-mail	Cristinel_ilie@icpe-ca.ro		
Nationalitate	Romana		
Data basterii	02.06.1960		
Genul	Masculin		
Ocupatia	Inginer		
Experienta			
Data	Ian.2020 - prezent		
Funcția sau postul ocupat	Inginer de dezvoltare tehnologica gradul I		
Principalele activitati si responsabilitati	Seful Departamentului de Sisteme și Tehnologii Electromecanice		
Numele si adresa angajatorului	Institutul National pentru Inginerie Electrica, ICPE-CA, Splaiul Unirii 313, 030138, Sector 3, Bucuresti		
Tipul sau sectorul de activitate	Cercetare- Dezvoltare, Prelucrari mecanice, Prototipuri		
Data	Dec. 2002 – present		
Funcția sau postul ocupat	Inginer de dezvoltare tehnologica gradul I		
Principalele activitati si responsabilitati	Seful laboratorului de Microprelucrari si Rapid Prototyping		
Numele si adresa angajatorului	Institutul National pentru Inginerie Electrica, ICPE-CA, Splaiul Unirii 313, 030138, Sector 3, Bucuresti		
Tipul sau sectorul de activitate	Cercetare- Dezvoltare, Prelucrari mecanice, Prototipuri		
Data	Apr. 2001 – dec. 2002		
Funcția sau postul ocupat	Cercetator principal, gradul III		
Principalele activitati si responsabilitati	Cercetare- Dezvoltare, Proiectare mecanica, prelucrari mecanice, Asamblare		

Numele si adresa angajatorului	Institutul National pentru Inginerie Electrica, ICPE-CA, Splaiul Unirii 313, 030138, Sector 3, Bucuresti
Tipul sau sectorul de activitate	Cercetare- Dezvoltare, Prelucrari mecanice, Prototipuri
Data	Apr. 1994 – apr. 2001
Funcția sau postul ocupat	Cercetator principal, gradul III
Principalele activitati si responsabilitati	Cercetare- Dezvoltare, Proiectare mecanica, prelucrari mecanice, Asamblare
Numele si adresa angajatorului	Institutul de Cercetare Dezvoltare pentru Electrotehnica, ICPE SA, Splaiul Unirii 313, 030138, Sector 3, Bucuresti
Tipul sau sectorul de activitate	Cercetare- Dezvoltare, Prelucrari mecanice, Prototipuri
Data	Iun. 1990 – apr. 1994
Funcția sau postul ocupat	Cercetator stiintific
Principalele activitati si responsabilitati	Cercetare- Dezvoltare, Proiectare mecanica, prelucrari mecanice, Asamblare
Numele si adresa angajatorului	Institutul de Cercetare Dezvoltare pentru Electrotehnica, ICPE SA, Splaiul Unirii 313, 030138, Sector 3, Bucuresti
Tipul sau sectorul de activitate	Cercetare- Dezvoltare, Prelucrari mecanice, Prototipuri
Data	Iul. 1986– Iun. 1990
Funcția sau postul ocupat	Inginer macanic
Principalele activitati si responsabilitati	Cercetare- Dezvoltare, Proiectare mecanica, prelucrari mecanice, Asamblare
Numele si adresa angajatorului	Institutul de Cercetare Dezvoltare pentru Electrotehnica, ICPE SA, Splaiul Unirii 313, 030138, Sector 3, Bucuresti
Tipul sau sectorul de activitate	Cercetare- Dezvoltare, Prelucrari mecanice, Prototipuri
Data	Sept. 1985– Iul. 1986
Funcția sau postul ocupat	Inginer macanic
Principalele activitati si responsabilitati	Proiectare mecanica, prelucrari mecanice, certificari
Numele si adresa angajatorului	Intreprinderea de Aparataj Electric, Titu, Romania
Tipul sau sectorul de activitate	Aparataj electric
Educatie si formare	
	Iun.2021
	Susținerea tezei de abilitare și acordarea atestatului de abilitare în domeniul studii universitare de doctorat, Inginerie Mecanica, la universitatea din Valahia Târgoviște.
Data	Sept. 2015- iun. 2017
	Studii de masterat *Inginerie de mentenanta pentru ELI-NP*, diploma obtinuta in anul 2017.
Data	Sept. 2010- iun. 2014
	Studii doctorale in inginerie mecanica la Universitatea Politenhica din Bucuresti, doctor in Inginerie Mecanica din anul 2014.

Data	Sept.1980- iun. 1985									
Titlul de calificare acordat	Inginer									
Subiecte principale / calificări ocupaționale acoperite	Inginerie mecanica									
Numele și tipul organizației de educație și formare	Universitatea Politehnica din Bucuresti									
Nivel în clasificarea națională sau internațională	Diplomat inginer									
Aptitudini și competențe personale										
Limba materna	Romana									
Alte limbi straine	Engleza,									
Self-assessment	Intelegere				Vorbire				Scriere	
Nivel european (*)	Ascultare		Citire		Participare la conversație		Discurs oral			
engleza	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent
	(*) Common European Framework of Reference for Languages									
Competențe și abilități sociale	Comunicare, cooperare, munca în echipă, diligență, abilități de negociere, luarea deciziilor, capacitete de analiza si sinteza									
Competențe și aptitudini organizatorice	Sef Departament, Șef de Laborator									
	• Seful controlului tehnic de calitate (CTC) in Institut									
	• Managementul activităților de cercetare și dezvoltare									
	• Director/Responsabil de Proiect la peste 15 contracte de cercetare									
	• Participant la mai mult de 30 de proiecte de cercetare									
	• Elaborare de lucrari stiintifice cotate in baze internaționale de date (40 ISI si BDI)									
	• CURS FORMATOR Bucuresti 2011 diploma sria F nr. 0117553									
Competențe informatice	Word, Excel si Adobe Acrobat Professional, PowerPoint,									
Carnet de conducere	Categoria B									
Alte informatii	Premii profesionale: mai mult de 10 Brevete: 8 acceptate si 10 in curs de evaluare (16 pe web of science) Carți: 2 Organizatii profesionale: • Comitetul tehnic de standardizare, ASRO, CT 22, Echipamente Medicale • Comitetul Electrotehnic Roman • Membru British Institute of NDT Non-Destructive Testing, Certification Services Division									

Anexe	Experienta relevanta, Lista Lucrari

Data: 02.09 2021

Dr. Ing. Cristinel Ilie

LISTA DE LUCRĂRI

Candidat : ILIE F. Cristinel Ioan**- Dr./** din (anul) 2014,

1^0 Teza de doctorat:
T1. Contribuţii privind determinarea dezechilibrelor dinamice pentru sisteme mecanice de precizie cu mișcare de rotație, pe mașini de echilibrat antrenate prin câmp magnetic, Universitatea POLITEHNICA Bucureşti, 2014,

2^0 Cărţi publicate

C1 Cristinel Ioan ILIE, *Determinarea dezechilibrului dinamic pentru sisteme mecanice cu mișcare de rotație*, Editira AGIE, Bucuresti 2020, ISBN 878-973-720-814-9, 127p
C2 Cristinel Ioan ILIE, Marius POPA, Nicolae TĂNASE, *Componente și sisteme micromecanice fabricate prin tehnologia LIGA*, București, Editura Electra, 2020, ISBN 978-606-507-127-8, 168p

3^0 Articole/studii de specialitate cotate I.S.I. (S1, S2 etc.),

S1. Emil Tudor, Dumitru Strambeanu, Daniel Lipcinski, Sergiu Nicolaie, **Cristinel Ilie,** Dragos Ovezea, Nicolae Tanase, Andreea Voina, Marius Fartan, *"Locomotive Diesel Engine Test Stand with Energy Recovery in the Electrical Network*", 2021 International Conference on Applied and Theoretical Electricity (ICATE) may 27-29, Craiova, Romania, https://elth.ucv.ro/icate/icate20/wp-content/uploads/sites/7/2021/05/Final-Program_ICATE-2021.pdf

S2. Dragos OVEZEA, **Cristinel ILIE**, Nicolae TANASE, Adrian NEDELCU, Marius POPA, Ionel CHIRITA, Mihai GUTU, *"Piezoelectric Active Tremor Compensation System for LASER Microsurgery - Constructive Solution"* The 12th International Symposium On Advanced Topics In Electrical Engineering (ATEE), March 25-27, 2021, Bucharest, Romania, DOI: 10.1109/ATEE52255.2021.9425130, https://ieeexplore.ieee.org/document/9425130, https://www.researchgate.net/publication/351542128_Piezoelectric_Active_Tremor_Compensation_System_for_LASER_Microsurgery_-_Constructive_Solution.

S3. CRISTINEL ILIE, NICOLAE TĂNASE, IONEL CHIRIŢĂ, ADRIAN NEDELCU, MIHAI GUŢU, *Improvement of the Performances of Electric Machines With Applications in Aeronautics, Using Special Materials*, Rev. Roum. Sci. Techn.– Électrotechn. et Énerg. Vol. 65, Issue 1-2, pp. 41–46, Bucarest, 2020; Accession Number: WOS:000552052900007 http://revue.elth.pub.ro/index.php?action=main&year =2020&issue=1-2; https://apps.webofknowledge.com/full_record.do?product = WOS&search_mode = GeneralSearch&qid = 1&SID=E1CDVURVA6a1tW79fG3&page=1&doc=10.

S4. IONEL CHIRIȚĂ, DRAGOȘ OVEZEA, NICOLAE TĂNASE, MARIUS POPA, **CRISTINEL ILIE**, *Fluidic and Thermal Characterization of a Sextupole Magnet for The Storage Ring of the FAIR Project*, Rev. Roum. Sci. Techn.– Électrotechn. et Énerg.Vol. 65,

Issue 3–4, pp. 165–172, Bucarest, 2020, Accession Number: WOS:000608261900003, http://revue.elth.pub.ro/upload/53176103_NTanase_RRST_3-4_2020_pp_165-172.pdf; https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=1&doc=9.

S5. N. Tănase, A. M. Morega, I. Chiriță and **C. Ilie**, *Passive Magnetic Bearing – Design and Numerical Simulation*, IEEE Proceedings of 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2019, Accession Number: WOS:000475904500106, https://ieeexplore.ieee.org/document/8724949; https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=4&doc=38.

S6. N. Tănase, I. Chiriță, G. M. Mihăiescu, A. Nedelcu, **C. Ilie** and D. Lipcinski *Study of an Electromagnet for Digital Hydraulics - Numerical Simulation and Experimental Model Testing*, IEEE Proceedings of 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2019, Accession Number: WOS:000475904500162, https://ieeexplore.ieee.org/document/8725007; https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=4&doc=38.

S7. Popescu, M; Tudor, E; Nicolaie, S; **Ilie, C.I.** ; Popovici, L; Dumitru, C, *Experimental Results Regarding Cogging Torque Reduction for the Permanent Magnet Synchronous Motors PMSM*, 2019 11TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Published: 2019, Accession Number: WOS:000475904500169, https://ieeexplore.ieee.org/document/8725014; https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=4&doc=37.

S8. Nicolae TĂNASE, Alexandru M. Morega, **Cristinel ILIE**, Ionel CHIRIȚĂ, Adrian NEDELCU, Marius POPA, *Analytical and Numerical Modeling of Passive Magnetic Bearings*, U.P.B. Sci. Bull., Series C, Vol. 81, Iss. 4, 2019, Accession Number: WOS:000502008300019, https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rezc9e_580939.pdf; https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=4&doc=33.

S9. **C. Ilie**, M. Mihaiescu, I. Chirita, M. Gutu, M. Popa and N. Tanase Synchronous Electric Generator With Double Excitation, IEEE Proceedings of 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania, 2019, Accession Number: WOS:000475904500024, https://ieeexplore.ieee.org/abstract/document/8724866; https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=4&doc=36
DOI: 10.1109/ATEE.2019.8724866
https://www-scopus-com.am.e-nformation.ro/results/results.uri?sort=plf-f&src=s&st1=Ilie&st2=Cristinel&nlo=1&nlr=20&nls=count-f&sid=2bf129729432fe1159558f19c764de3e&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Ilie%2c+Cristinel+Ioan%22+36184311100%29&txGid=37e04af50f638ffeb343970a871610ed.

S10. Chirita, I; Apostol, ES; Tanase, N; **Ilie, C**; Popa, M., *Mathematical Modelling of the Induction Soldering Process for the Coils Connection*, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE OF MECHATRONICS AND CYBER-MIXMECHATRONICS – 2017, Edited by:Gheorghe, GI, Book Series: Lecture Notes in Networks and Systems, Volume: 20, Pages: 109-116, DOI: 10.1007 /978-3-319-63091-5_13, Published: 2018; Accession Number: WOS:000540747400013, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=7&doc=61.

S11. Barbu, P; Codescu, MM; Iordoc, M; Marinescu, V; Manta; **Ilie, C**; Popa, M, *Electrodeposition of CoNiMnP Thick Films for Micromachined Magnetic Device Applications*, REVISTA DE CHIMIE, Volume: 69 Issue: 6 Pages: 1355-1362, Published: JUN 2018, Accession Number: WOS: 000438397400012 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=5&doc=45.

S12. Popa, M; **Ilie, C**; Lipcinski, D; Chirita, I; Tanase, N ; Apostol, S, *Coupling and Assembly Elements Using Microfabrication Technologies*, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE OF MECHATRONICS AND CYBER-MIXMECHATRONICS – 2017, Edited by:Gheorghe, GI, Book Series: Lecture Notes in Networks and Systems, Volume: 20, Pages: 149-157, DOI: 10.1007/978-3-319-63091-5_18, Published: 2018; Accession Number: WOS:000540747400018, DOI https://doi.org/10.1007/978-3-319-63091-5_18, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=7&doc=62, https://www-scopus-com.am.e-nformation.ro/results/results.uri?sort=plf-f&src=s&st1=Ilie&st2=Cristinel&nlo=1&nlr=20&nls=count-f&sid=2bf129729432fe1159558f19c764de3e&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Ilie%2c+Cristinel+Ioan%22+36184311100%29&txGid=37e04af50f638ffeb343970a871610ed.

S13. Chirita, I.; Tanase, N.; Apostol, SE.; **Ilie, C**.; Popa, M., *Design Optimization of a Flywheel using SolidWorks Modeling and Simulation Capabilities*, 2017 8TH INTERNATIONAL CONFERENCE ON ENERGY AND ENVIRONMENT (CIEM), Book Group Author(s):IEEE, Book Series: International Conference on Energy and Environment, Pages: 344-348, Published: 2017, Accession Number: WOS:000427610300073 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=8&doc=77.

S14. Daniel, DV; Tanase, N.; Apostol, ES.; Chirita, I.; **Ilie, C.,** *An Overview Regarding the Analytical vs. Numerical Computation for a PMB used for FESS*, 2017 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Group Author(s):IEEE, Book Series: International Symposium on Advanced Topics in Electrical Engineering, Pages: 458-462, Published: 2017, Accession Number: WOS: 000403399400090 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=57&SID=E1CDVURVA6a1tW79fG3&page=1&doc=10.

S15. Morega, AM; Tanase, N; Morega, M; Comeaga, D; **Ilie, C.,** *Bending Mode Cantilever Actuators for Micro-Electromechanical Systems*, 2015, 9TH INTERNATIONAL SYMPOSIUM

ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Group Author(s):IEEE, Pages: 556-561, Published: 2015, Accession Number: WOS:000368159800106 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=11&doc=104.

S16. Tanase, N; Morega, AM; Nedelcu, A; **Ilie, C**.,*Radial-Axial Passive Magnetic Bearing System - Numerical Simulation Aided Design Solutions*, 2015 9TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Group Author(s): IEEE, Pages: 566-572, Published: 2015, Document, Accession Number: WOS:000368159800108 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=11&doc=105.

S17. Prioteasa, P; **Ilie, C**; Popa, M; Iordoc, M; Sbarcea, BG., *Electrodeposition of Nickel for Fabrication of Microfluidic Pumps*, REVISTA DE CHIMIE, Volume: 64 Issue: 3 Pages: 275-280, Published: MAR 2013, Accession Number: WOS: 000319179300013 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=14&doc=136.

S18. **Ilie, C**; Comeagă, D; Donțu, O., *Modeling and Testing of a New Dynamic Balancing System Based on Magnetic Interaction*, ACOUSTICS & VIBRATION OF MECHANICAL STRUCTURES, Edited by: Herisanu, N; Marinca, V., Book Series: Applied Mechanics and Materials, Volume: 430, Pages: 143-+, DOI: 10.4028/www.scientific.net/AMM.430.143 Published: 2013, Accession Number: WOS:000335880800022 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=14&doc=140.

S19. Ilie, C; Comeagă, D; Nedelcu, A., *Modeling and Simulation of a New Dynamic Balancing System Based on Magnetic Interaction*, 2013 8TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Group Author(s):IEEE, Published: 2013, Accession Number: WOS:000332928500101 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=15&doc=143.

S20. Prioteasa, P; Petica, A; Popa, M; **Ilie, C**; Visan, T., *Electrochemical Deposition of Nickel for Micro-mechanical Systems*, REVISTA DE CHIMIE, Volume: 62 Issue: 5 Pages: 543-548, Published: MAY 2011, Accession Number: WOS:000291275700012 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=16&doc=157.

S21. Sava, V.; **Ilie, C**.; Popa, M.; Stanescu, S.; Rusu, MI.; Udrea, M., *Optimisation of processing with excimer laser mask technique*, OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, Volume: 5 Issue: 1-2 Pages: 99-102, Published: JAN 2011, Accession Number: WOS:000288625000021 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=17&doc=167.

S22. Sava, V.; **Ilie, C**.; Popa, M.; Stoica, M.; Udrea, M., *Excimer laser micro-machining optimization using beam homogenizers based optical system*, ROMOPTO 2009: NINTH

CONFERENCE ON OPTICS: MICRO- TO NANOPHOTONICS II, Edited by:Vlad, VI, Book Series: Proceedings of SPIE, Volume: 7469, Article Number: UNSP 74690U, DOI: 10.1117/12.859696, Published: 2010, Accession Number: WOS:000285573400030 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=19&doc=186.

S23. Popa, G.; **Ilie, C**.; Potarnuche, I.; Galos, H.; Stanciu, V.; Arsene, S., *Stand for testing electrical machines up to 1,500 kilowatts used in railway traction, PROCEEDINGS OF 2010 IEEE INTERNATIONAL CONFERENCE ON AUTOMATION, QUALITY AND TESTING, ROBOTICS* (AQTR 2010), VOLS. 1-3, Edited by:Miclea, L; Stoian, I, Book Series: IEEE International Conference on Automation Quality and Testing Robotics, Published: 2010, Accession Number: WOS:000419281500128, DOI: 10.1109/AQTR.2010.5520829 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E1CDVURVA6a1tW79fG3&page=19&doc=184 https://www-scopus-com.am.e-nformation.ro/results/results.uri?sort=plf-f&src=s&st1=Ilie&st2=Cristinel&nlo=1&nlr=20&nls=count-f&sid=2bf129729432fe1159558f19c764de3e&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Ilie%2c+Cristinel+Ioan%22+36184311100%29&txGid=37e04af50f638ffeb343970a871610ed.

S24. Nicolae S., Mihaescu M., Marin D., **Ilie C**., Cgirita I., Samoilescu G., Zus M., Cazacu, A *new way of sailing in danube delta*, 20th.International DAAM Symposium, ISSN 1725-9679 pag. 0557, 25-28 Nov. 2009, Viena, Austria, Accession Number: WOS:000282335600279 https://apps.webofknowledge.com/full_record.do?product=UA&search_mode=GeneralSearch&qid=2&SID=E6WpevoolKERRsxYjSv&page=28&doc=279.

Articole/studii indexate în baze de date internaţionale (D1, D2 etc.),

D1. Chiriță I., Tănase N., **Ilie Cr**., Popa M., *"Harmonic Coil Magnetic Measurement System for HESR Magnets – a Mathematical Model and Design*", in Electrotehnica, Electronica, Automatica (EEA), 2021, vol. 69, no. 1, pp. 63-73, https://doi.org/10.46904/eea.21.69.1.1108008, ISSN 1582-5175, https://www-scopus-com.am.e-nformation.ro/results/results.uri?src=s&sot=b&sdt=b&origin=searchbasic&rr=&sl=107&s=TITLE-ABS-KEY(Harmonic%20Coil%20Magnetic%20Measurement%20System%20for%20HESR%20Magnets%20%E2%80%93%20a%20Mathematical%20Model%20and%20Design)&searchterm1=Harmonic%20Coil%20Magnetic%20Measurement%20System%20for%20HESR%20Magnets%20%E2%80%93%20a%20Mathematical%20Model%20and%20Design&searchTerms=&connectors=&field1=TITLE_ABS_KEY&fields=

D2. Dragoș OVEZEA1, Ionel CHIRIȚĂ1, Nicolae TĂNASE1, **Cristinel ILIE**, Marius POPA1, *A NEW CONSTRUCTIVE SOLUTION FOR A PIEZOELECTRIC TRANSLATION MODULE, DESIGN AND SIMULATION*, UPB Scientici Bulletin Series D, ISSN 1454-2358, Seria 3, 2019 https://www.scientificbulletin.upb.ro/SeriaD_-_Inginerie_Mecanica.php?page=revistaonline&a=2&arh_an=2019&arh_ser=D&arh_nr=3 https://www-scopus-com.am.e-nformation.ro/results/results.uri?sort=plf-f&src=s&st1=Ilie&st2=Cristinel&nlo=1&nlr=20&nls=count-f&sid=2bf129729432fe1159558f19c764de3e&sot=anl&sdt=aut&sl=41&s=AU-ID%28%22Ilie%2c+Cristinel+Ioan%22+36184311100%29&txGid=37e04af50f638ffeb343970a871610ed.

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Pn6. Ctr. PN II Nr 249/2014 Actuatori electromagnetici si electrodinamici procesati prin tehnologie LIGA.

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Pn14. CALIST 4205 /2003 Sistem performant cu soft interactiv pentru masurarea si controlul dezechilibrului dinamic al arborilor cardanici cu mase de pina la 250 kg "(20003-2005)

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Pn20. Ctr. 691/2000 Cercetarea, proiectarea si executia unei masini de echilibrat dinamic axe paletate turbosuflante pentru motoare Diesel (2000-2001/24336,58) –director 2000-2001, beneficiar SC Remarul 16 februarie Cluj Napoca

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Pn 27. CEEX IV – nr. 271/10.08.2006 : Laborator de incercari pentru micro si nanoelectromecanica (LMNEM) (2006-2008)

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Pn 35. 1C04/2001 AMTRANS Ctr Baliza fluviala autonoma din punct de vedere energetic cu semnalizare luminoasa, utilizabila pe Dunare (2001-2005)

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