



Curriculum vitae Europass



Personal information

First name(s) / Surname(s) **GHEORGHE Ion GHEORGHE**
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Nationality **Romanian**
Date of birth **14.09.1946**
Gender **male**

Desired employment / Occupational field

Work experience

Dates **2001-present**
Occupation or position held

- PhD Stages Tutor – U.V. Targoviște
- General Manager of INCDMTM Bucharest
- Coordinating manager of CSDMTT
- Associate Professor - U.P. Bucharest
- Part-Time Professor – U.V. Targoviște
- Part-Time Professor – U.T.M. Bucharest
- Coordinator of the «MECATRON» Evaluation and Training Centre

Main activities and responsibilities

- Fundamental research
- Industrial research
- R&D programme evaluation in the following programmes: PN CDI -I & II, Nucleu, Sectorial, FP7, Structural Funds, POSDRU, and POSCCE.
- Project evaluation & monitoring in national programmes: CALIST/INVENT/RELANSIN/CEEX/PARTENERIATE / INOVARE, and so on
- Specific activities in MECI Commissions (member):
 - a. Commission for Technical and Scientific Literature
 - b. Commission for collaboration with The Republic of Moldavia
- Teaching activities (course, laboratory, seminar, Bachelor Degree project coordination) at UPB, UVT ,and UTM.

Name and address of employer **National Institute of Research and Development in Mechatronics and Measurement Technique – INCDMTM; 6-8 Pantelimon, District. 2, Bucharest**

Type of business or sector	Mechatronics, Precision Mechanics, Intelligent Measurement Technology, Intelligent Instrumentation Engineering, Sensors & Transducers, Robotics, Intelligent Systems Engineering, Mechatronic MEMS & NEMS, and so on.
Dates	1996-2000
Occupation or position held	<ul style="list-style-type: none"> • Adviser; • Division Manager • Strategy, Development, • Marketing & Technological Transfer • CRTTC manager • UPB Associated professor
Main activities and responsibilities	<ul style="list-style-type: none"> ➤ Elaboration and development of Research Projects in the following programmes: PN CDI I-II Nucleu, Sectorial, FP-7, Structural Funds, Market research; ➤ Product, technology and services research; ➤ Development studies for the field of Precision Mechanics; ➤ Re-structuring studies; ➤ Strategy and industrial re-launching studies; ➤ Re-structuring studies and studies for the development of the industrial sector of Precision Mechanics, Optics and Mechatronics; ➤ Organizing and coordinating the Office of Industry Links ; ➤ Organizing and coordinating the Technology Transfer, Business, Consultancy and Innovation Centre – CRTTC.
Name and address of employer	National Institute of Research and Development in Precision Mechanics – INCDMF; 6-8 Pantelimon, District. 2, Bucharest
Type of business or sector	Mechatronics, Precision Mechanics, Intelligent Measurement Technology, Intelligent Instrumentation Engineering, Sensors & Transducers, Robotics, Intelligent Systems Engineering, Mechatronic MEMS & NEMS, and so on.
Dates	1990-1995
Occupation or position held	Head of the Marketing Division;
Main activities and responsibilities	<ul style="list-style-type: none"> ➤ Development and Research Projects in the National Program - Horizon 2000 and the International Programme Moldova - Romania. ➤ Market research; ➤ Product, technology and service research; ➤ Studies for developing the field of Precision Mechanics; ➤ Re-structuring studies; ➤ Strategy and industrial re-launching studies;
Name and address of employer	Institute of Research and Design for Precision Mechanics - ICPMF : 6-8 Pantelimon, District. 2, Bucharest
Type of business or sector	Mechatronics, Precision Mechanics, Intelligent Measurement Technology, Intelligent Instrumentation Engineering, Sensors & Transducers
Dates	1981-1989
Occupation or position held	<ul style="list-style-type: none"> • Main Scientific Researcher - 1st Rank • Research Workshop Head • Research Division Head • Associated Professor at UPB
Main activities and responsibilities	<ul style="list-style-type: none"> ➤ Elaboration and unfolding of Research Projects in the fields; ➤ Laboratory research ➤ Technical and technological design: Measuring and Dimensions Control Devices ➤ AMC experimentation and tests ➤ Prototype homologation ➤ Design , execution and actuation of complex measuring and control Devices and Equipments
Name and address of employer	Institute of Research and Design for Precision Mechanics - ICPMF : 6-8 Pantelimon, District.

Type of business or sector	2, Bucharest Precision Mechanics, Instrumentation Engineering
Dates	1976 - 1980
Occupation or position held	<ul style="list-style-type: none"> • Design Engineer • Project Manager • Division Manager • Associate Professor at UPB
Main activities and responsibilities	<ul style="list-style-type: none"> ➤ Design and conduct field research projects; ➤ Research Laboratory ➤ Strong technical and technological projections ➤ Experiments and tests ➤ Prototype Approvals
Name and address of employer	Institute of Research and Design for Precision Mechanics - ICPMF : 6-8 Pantelimon, District. 2, Bucharest
Type of business or sector	Precision Mechanics, Instrumentation Engineering
Dates	1970 - 1975
Occupation or position held	<ul style="list-style-type: none"> • Design Engineer • Project Manager • Associate Professor at UPB
Main activities and responsibilities	<ul style="list-style-type: none"> ➤ Scientific devices design ➤ Laboratory research ➤ Experimentations and tests ➤ Homologations and prototypes
Name and address of employer	Research and Design Centre for Scientific Equipment – CCPAS
Type of business or sector	Precision Mechanics

Education and training

Dates	April – May 2007
Title of qualification awarded	Certificate for obtaining the title of „Trainer of Trainers” in the academic field - Mechatronics, Robotics and Process Equipment
Principal subjects/occupational skills covered	The „Trainer of Trainers” field
Name and type of organisation providing education and training	Enaip – Italy, Leonardo Da VINCI Programme
Level in national or international classification	Postgraduate specialization studies
Dates	October 2005 - May 2006
Title of qualification awarded	Postgraduate specialization studies Diploma
Principal subjects/occupational skills covered	Management / International Economic Relations
Name and type of organisation providing education and training	Academy of Economic Studies - Management and International Economic Relations
Level in national or international classification	Postgraduate specialization studies
Dates	September – October 2004
Title of qualification awarded	Diploma for obtaining the title of „Trainer of Trainers” in the following academic field – Intelligent / IT / Equipment / Tools

Principal subjects/occupational skills covered	The „Trainer of Trainers” field, in the academic field
Name and type of organisation providing education and training	Enaip – Italy, Leonardo Da VINCI Programme
Level in national or international classification	Postgraduate specialization studies
Dates	February 1990
Title of qualification awarded	Diploma / Tuition / specialization / training Certificate
Principal subjects/occupational skills covered	Mechanical Engineering - Electronics and Measurement Technique
Name and type of organisation providing education and training	R.F.S Elektronik Firm – Austria, Photoelectric incremental displacement transducers and rotation transducers
Level in national or international classification	Post university specialization
Dates	October 1988 – November 1997
Title of qualification awarded	PhD engineer diploma in engineering sciences
Principal subjects/occupational skills covered	Precision Mechanics Engineering
Name and type of organisation providing education and training	Technical University of Timisoara
Level in national or international classification	Doctoral specialization studies in engineering sciences
Dates	February 1979
Title of qualification awarded	Diploma / Tuition / specialization / training Certificate
Principal subjects/occupational skills covered	Precision Mechanics Engineering and Measurement Technique
Name and type of organisation providing education and training	C.E. Johanson Firm– Sweden – 3D measuring machines and Instrumentation Engineering
Level in national or international classification	Post university specialization
Dates	February 1978
Title of qualification awarded	Diploma / Tuition / specialization / training Certificate
Principal subjects/occupational skills covered	Precision Mechanics Engineering and Measurement Technique
Name and type of organisation providing education and training	DEA Firm– Italy – Machines and 3D Measuring Robots
Level in national or international classification	Post university specialization
Dates	August – September 1976
Title of qualification awarded	Diploma / Tuition / specialization / training Certificate
Principal subjects/occupational skills covered	Optical engineering, Mechanics and Measurement Technique
Name and type of organisation providing education and training	Carl Zeiss Firm –Jenna - Germany – High Precision Optical Measuring Devices
Level in national or international classification	Post university specialization
Dates	September 1965 - July 1970
Title of qualification awarded	Diploma of Engineer

Principal subjects/occupational skills covered	Engineering
Name and type of organisation providing education and training	U.P.B. – TCM Faculty– Precision Mechanics Department
Level in national or international classification	Higher education
Dates	September 1961 - June 1965
Title of qualification awarded	Diploma of Bachelor
Principal subjects/occupational skills covered	Mathematics - Physics
Name and type of organisation providing education and training	College no. 3 – Pitesti
Level in national or international classification	Secondary education
Aptitudini și competențe personale	<ul style="list-style-type: none"> - Assessor of National RDI Programmes (CALIST, RELANSIN); - Evaluator, Consultant, Expert, Supervisor; - Majors abroad Dimensional Instrumentation and Intelligent Control: <ul style="list-style-type: none"> • in Germany – at ZEISS • in Sweden – at JOHANSSON; • in Italy – at DEA; • in Austria - at R.F.S. Elektronik; • post-graduate courses: <ul style="list-style-type: none"> • Marketing and Management at IROMA; • Marketing at ASE Bucharest; • Marketing, course in Austria, National Computing Centre; • Marketing, management and organization, investment, finance and cost, with the Deutsche Gesellschaft für Qualität eV - RKW - Germany • Marketing, management and organization, leadership and motivation, investment, finance and cost, with Wirtschaftsförderungsinstitut der Wirtschaftskammer Österreich - WIFI - Austria (with practice in Austria); • Assessment, at the National Privatization Agency - ANP; • Computer language, the ICI-Bucharest; • Quality Assurance and Management, UP Bucharest; • Quality management; RELAR AMOS Program at INCDMF; • Creativity in IROMA; • Statistical Methods for Quality Assurance, with the Deutsche Gesellschaft für Qualität eV - RKW - Germany • Diagnostic analysis, MAD - 3.1 to CEMATT - SA; • Quality Management and Internal Audit, with the Deutsche Gesellschaft für Qualität eV - RKW - Germany • Design planning and engineering management, with the Deutsche Gesellschaft für Qualität eV - RKW - Germany • SRAC QMS Auditor; • Project monitoring - Program Management with AMCSIT Politehnica Bucharest; • FP7 Project Management Consultancy Management FM; • Management and International Economic Relations with ASE Bucharest • Experience <ul style="list-style-type: none"> • Mechatronics / microMechatronics / nanoMechatronics and robotics • Intelligent Measurement Technique (2000 - present); • Intelligent Systems Engineering and Engineering Technology (2000 - present); • Digital Instrumentation Engineering Information Technology and Engineering (2000 - present); • Diagnostic Analysis (1992 - present); • Start Business Consulting (1992 - present); • Financial Consultancy (1992 - present); • Marketing Strategy - Development and Technology Transfer (1990 - present);

- Robotics Engineering and Technology (1985 - present);
- Sensors and actuators Engineering and Technology (1984 - present);
- Organization of Symposia, Conferences and Exhibitions Technical Scientific (1975 - present).
- Engineering Consulting (1970 - present);
- Management: (1970 - present);
- Research - Technological Development and Engineering (1970 - present);
- Precision Mechanical Engineering and Technology (1970 - present);
- **Professional Expert:** Scientific Research, Engineering, Consulting, Diagnostic Analysis, Expertise, Supervisor, Assessor; Monitor.
- **Accomplishments :**
 - Projects of Measuring Equipment and Dimensional Control;
 - Laboratory research and technology in the field of Mechanical Engineering and Mechatronics;
 - Experimental Models, Prototypes, unique in Precision Mechanics, Optics and Mechatronics and Robotics;
 - Technical assistance on executions of physical models / prototypes / single / small number of Precision Mechanics (Equipment Measurement and Dimensional Control) and Mechatronics Robotic Systems, High-Tech Systems Engineering, Instrumentation Engineering;
 - Testing and measurement experiments in laboratories, the measuring and control equipment;
 - Technical studies, marketing and forecasting on the field of Precision Mechanics and Mechatronics in Romania;
 - Study development
 - Basic and applied research activities on modernization and development equipment for Dimensional Measurement and Control: digital devices, computer-aided equipment, machines and robots for measurement and dimensional control, and so on
 - Development of the Intelligent equipment field: Dimensional Measurement and Control Technology transfer in the production and the realization of experimental models / prototypes to the most famous companies in the world (such as: DEA-Italy ZEISS - Germany);
 - Initiation and development of Mechatronics MEMS & NEMS;
 - Establishment and organization of the "Technical Data Bank on Dimensional Control" in Romania - in a unique and original system;
 - Researches, designs, coordinating and carrying of Products / Equipment Mechatronics and Dimensional Control Measurement Automatic fitting flexible processing systems, collaboration and international cooperation (in Russia and Germany);
 - Market research, industry restructuring, recovery and restoration of fine mechanics and optics field (smart appliances dimensional measurement and control) and Mechatronics, research and development, laboratory and industrial);
 - Feasibility studies and field evaluations;
 - Study management, marketing and development;
 - Research and development strategy for the field of fine mechanics, optics and Mechatronics;
 - Sector restructuring studies for industry operators producers of fine mechanics and optics and Mechatronics industry;
 - Research on economic restructuring and development of the field of fine mechanics and Mechatronics;

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

French
German
English

Understanding		Speaking		Writing			
Listening		Reading		Spoken interaction		Written interaction	
A1	Elementary user	A2	Elementary user	A1	Elementary user	A1	Elementary user
A2	Elementary user	B1	Elementary user	A1	Elementary user	A1	Elementary user
A1	Elementary user	A1	Elementary user	A1	Elementary user	A1	Elementary user

(*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Social skills and competences	<ul style="list-style-type: none"> • President of the Management Council of INCDMTM; • Member in the CCIB Management Council; • Editor in Chief of „Romanian Review Precision Mechanics, Optics & Mechatronics”; • CEFIN Publishing House responsible; • Founder member of SROMECA.
Organisational skills and competences	<ul style="list-style-type: none"> • General Manager – INCDMTM; • Executive President of – AMFOR (Association of Fine Mechanics and Optics in Romania); • Executive President of – APROMECA (Prof. Romanian Association of Employers Industry Precision Mechanics, Optics and Mechatronics); • Project Manager – PNCDI II / C2; Sectorial; Nucleu programme; • Project Manager – FP7 / Structural Funds / POSDRU / POSCCE;
Technical skills and competences	<ul style="list-style-type: none"> • Professor (part-time and associate); • National CDI project elaborator; • European CDI project elaborator. • National projects evaluator.
Computer skills and competences	PC operation: Word, Excel, Power Point, Outlook Express
Artistic skills and competences	facultative
Other skills and competences	Strategic Management, Marketing, Management, Controlling, costs and calculations, Finance and Investment, Internal Auditor, Quality Management, Statistical Methods in Quality, Project management, company valuation methods, diagnostic analysis;
Driving licence	YES
Informații suplimentare	<ul style="list-style-type: none"> • Prof. Eng. Nicolae ALEXANDRESCU - UPB • Prof. Eng. Valentin PAU - UTM • Prof. Eng. Marin Cornel – UV Targoviste • Prof. Eng. Kappel Wilhelm – ICPECA, Bucharest • Prof. Eng. Vistrian Matieș – U.T. Cluj Napoca • Prof. Eng. Ion Visa - Transilvania University of Brasov

Annexes a) Projects/ objectives:

- scientific and technical projects within the national R & D programmes in the fields of Intelligent Measurement Technique, Precision Mechanics, Optics, Robotics and Mechatronics;
- scientific and technical projects within the framework of the EU, especially within the Framework Program VI and VII in the fields of fine mechanics, optics, robotics and Mechatronics / nanoscience / nanotechnologies;
- strategies and methodologies to initiate and organize the original "technology transfer centres / incubators / technology technical or business centres" in the field of fine mechanics and Mechatronics;
- consulting organization supporting the ongoing privatization accelerated integrated fine mechanics and Mechatronics;
- organizing seminars / courses in management, marketing, strategy, technology transfer, quality, and so on
- organization of university courses in the field of Mechatronics, Robotics and Intelligent Systems Engineering;
- organization of technical and scientific events to promote and monitor the field of fine mechanics and Mechatronics;
- development of undergraduate and postgraduate courses, directories, dictionaries with domain specialists;
- developing projects to support certification as „Euro Ing” of engineers in Romania;
- developing strategies for the restructuring, privatization and development at the national level of the fields of Precision Mechanics and Mechatronics and Micro Robotics - nanotechnology;
- drafting the White Paper Mechanics and Mechatronics "Mechatronics and Advanced National Program;

- developing research projects - EU development programmes
- development of technical books in the field of fine mechanics, optics, robotics and Mechatronics;

b) Other activities:

- Teaching, associate professor UPB - Faculty of Mechanical Engineering and Mechatronics, Department of Mechanical and Mechatronics (1971 - present);
- Part-time professor at VU Targoviste - Faculty of Materials Engineering, Department of Plant Process Equipment and Mechatronics (2001 - present);
- Part-time professor at UTM in Bucharest, Faculty of Science and Information Technology / Dental Medicine (2007 - present);
- Training course on "technology transfer" by The Relay Technology Transfer Centre and Advice and The Interregional Centre of Innovation and Technology Transfer for Fine Mechanics, Mechatronics and related fields.
- **Patents and inventions:** 21 patents.

Published works:

a) **Published papers: over 377 articles in various journals in the country and abroad at national and international symposia / conferences** (Romanian Review: Precision Mechanics, Optics and Mechatronics, Today, and so on) ;

b) Recent publications and publications issued in the last five years:

1. Veronica Despa, Gheorghe I. Gheorghe „Theoretical and experimental study of selective laser sintering – a qualitative and objective approach” – National Symposium with International participation „Mechatronic and Mechanic Engineering, Microtechnologies and New Materials” MIM-MMN 2011, Editia a IX - a, 10 June 2011, Targoviste, Romania;
2. Gh. Ion Gheorghe, Simona Istriteanu (Mărcuț), Iulian Ilie, „New approaches of INCDMTM Bucharest in HIGH-TECH field <<Mecatronics, Integronics and MicroNanoTechnologies>>” - National Symposium with International participation „Mechatronic and Mechanic Engineering, Microtechnologies and New Materials” MIM-MMN 2011, Editia a IX - a, 10 June 2011, Targoviste, Romania;
3. Cristian Draghescu, Gheorghe Gheorghe, Alexandru Moldovanu, Liviu Chiriac „Development a New System of Biomechatronic Dental Implant”, 12th International Workshop on Research and Education in Mechatronics – REM 2011, September 15 - 16, 2011 Kocaeli, Turkey;
4. Simona Istriteanu , Gheorghe Ion Gheorghe, Vasile Bratu, Veronica Despa, „The Innovative Vectors “Mechatronics and Integronics” in Education, Training and Viability on the Labour Market”, 12th International Workshop on Research and Education in Mechatronics – REM 2011, September 15 - 16, 2011 Kocaeli, Turkey;
5. Vasile Bratu, Gheorghe Ion Gheorghe, Simona Istriteanu, Veronica Despa, Adriana Cârstoiu «New Concepts and Solutions of “Micro-Nano-Mechatronics and Micro-Nano-Integronics” Applied in Intelligent Measurement Technique and in the Future Development of the Automotive Industry”» - 12th International Workshop on Research and Education in Mechatronics – REM 2011, September 15 - 16, 2011 Kocaeli, Turkey;
6. Simona Istriteanu, Gh. Ion Gheorghe „Research in the Use of Intelligent Microscopic Systems in Micro-nano-mechatronic Measuring and Processing Laboratories”, AGIR, Technological Progress Symposium, - Result of Research, VI Edition, *București, România, 29 aprilie 2011;*
7. Gheorghe I. Gheorghe, Donțu Octavian, Bratu Vasile, Cârstoiu Adriana, Istriteanu Simona and Despa Veronica, „Experimental Researches on the Elaboration and the Integration of the Special Procedures and Technologies of Master Mask Generation for Position Incremental Photo-Electrical Sensors Used in Robots and Automated Production Systems”, Proceedings of 2011 International Conference on Optimization of the Robots and Manipulators (OPTIROB 2011), *Sinaia, Romania, 26-28 Mai, 2011;*
8. S.Ganatios, A.Spanu, O.Dontu, D.Besnea, Gh. I. Gheorghe, “CAD Analysis Applied to Self-Centering Compliant Grippers”, Proceedings of 2011 International Conference on Optimization of the Robots and Manipulators (OPTIROB 2011), *Sinaia, Romania, 26-28 Mai, 2011;*
9. S.Ganatios, A.Spanu, O.Dontu, D.Besnea, Gh. I. Gheorghe, On the Dynamic Stability

Analysis for Compliant Gripper, ", Proceedings of 2011 International Conference on Optimization of the Robots and Manipulators (OPTIROB 2011), Sinaia, Romania, 26-28 Mai, 2011;

10. Gheorghe Ion Gheorghe, Simona Istrateanu, Liliana Badita, Vasile Bratu, Adriana Cirstoiu, Veronica Despa, «"MECHATRONICS GALAXY", an industrial research support for European sustainable and strategic development», International Conference on Mechatronics, Istanbul, 13-15, April, 2011;

11. Prof. Univ. Dr. Ing. Eurlng. Gh. Ion Gheorghe „GALAXIA ȘTIINȚEI «MECATRONICA INTEGRATOARE»" part. III, Revista TechnoMarket sisteme de fabricatie, Nr. 8(25)/2011 mar. – aprilie 2011;

12. Gheorghe Ion Gheorghe, Istrateanu Simona Elena, Despa Veronica „Innovative Vectors Mechatronics and Integratics in the Direction of the Development of Education and Research for the Viability of the Labor Market In The Field", The 10-th International Conference on Mechatronics and Precision Engineering – COMEFIM'10, Bucharest, Romania, 19-21 May 2011;

13. Gheorghe Ion Gheorghe, Istrateanu Simona Elena, Despa Veronica, „Mechatronics and Integratics Galaxy – Basis and Support for Strategic National and European Education, Research And Development", The 10-th International Conference on Mechatronics and Precision Engineering – COMEFIM'10, Bucharesti, Romania, 19-21 May 2011;

14. Liliana Bădița, Gh. Ion Gheorghe / The 10-th International Conference on Mechatronics and Precision Engineering – COMEFIM'10, Bucharesti, Romania, 19-21 May 2011

15. Prof. Univ. Dr. Ing. Eurlng. Gh. Ion Gheorghe „GALAXIA ȘTIINȚEI «MECATRONICA INTEGRATOARE»" part. II, Revista TechnoMarket sisteme de fabricatie, Nr. 7(24)/2011 ian. – 2011 feb.;

16. Prof. Univ. Dr. Ing. Eurlng. Gh. Ion Gheorghe „GALAXIA ȘTIINȚEI «MECATRONICA INTEGRATOARE»" part. I", Revista TechnoMarket sisteme de fabricatie, Nr. 6(23)/2010 dec. – 2011 ian.;

17. Gh. Ion Gheorghe, D.D. Palade, Magdalena Teodorescu, Eugeniu Condurateanu, Maria Marian, O. Caruntu, Irina Ene, "Modernization and development of the institutional management regarding the R-D-I activities in the mechatronic field and measurement techniques – PROMECHATRONICS" - The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.38/2010;

18. S. Ganatios, Octavian Dontu, Gheorghe Gheorghe, Daniel Besnea, Robert Ciobanu, Iulian Avarvarei "Considerations on treating some fuel fluids in a magnetic field" - The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.38/2010;

19. G. Charalampides, O.Dontu, Gh.I.Gheorghe, D.Besnea, I.Avarvarei, R.Ciobanu, „Considerations regarding the integration of CAD/CAM design and manufacturing using CNC processing machines" - The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.38/2010;

20. Gh. Ion Gheorghe, Bratu Vasile, Adriana Cirstoiu, "MECHATRONICS GALAXY", an industrial research support for European sustainable and strategic development", The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.38/2010;

21. Gh. Ion Gheorghe, Simona Istrateanu, Adriana Cirstoiu, „Researchs regarding intelligent sensors and actuators of high precision used in precision Mechanics, Mechatronics and Robotics domain", The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.38/2010;

22. Gh. Ion Gheorghe, Anton Vieru, O. Căruntu, N. Alexandrescu, C. Marin, Luciana Cristea, V. Dunca, Șerban Dimitriu, „The Development of Education for the viability of labor market through the innovative vectors: MECHATRONICS – INTEGRONICS (M&I)"- The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.38/2010;

23. Prof. Univ. Dr. Ing. Eurlng. Gh. Ion Gheorghe "Institutul Național de Cercetare Dezvoltare pentru Mecatronică și Tehnica Măsurării București în Strategia Europeană 2020 și 2030", Revista Technomarket sisteme de fabricatie, Nr. 5/2010;

24. Prof. Univ. Dr. Ing. Eurlng. Gh. Ion Gheorghe, Professor PhD Eng. Bratu Vasile, PhD Eng Adriana Cirstoiu, „GALAXIA MECATRONICII", suport al cercetării industriale pentru o dezvoltare sustenabilă și strategică europeană, Revista Technomarket sisteme de fabricatie, Nr. 5/2010;

25. Gheorghe I. Gheorghe, Robert Ciobanu, Octavian Dontu, Daniel Besnea, Iulian

- Avarvarei, 2010, „General Considerations on Human Motion Analysis” - International Conference on Mechanical Engineering, Robotics and Aerospace, ICMERA 2010, 2-4.dec.2010, Bucuresti, Romania; cotat ISI;
26. Gheorghe I. Gheorghe, O. Dontu, D. Besnea, I. Avarvarei, R. Ciobanu, 2010, „Experimental and Theoretical Studies Regarding Intelligent Sensors and Actuators of high Precision used in Precision Mechanics, Mechatronics and Robotics Domain” - International Conference on Mechanical Engineering, Robotics and Aerospace, ICMERA 2010, 2-4.dec.2010, Bucuresti, Romania; cotat ISI;
27. Gh. I. Gheorghe, P.Beca, Anton Vieru, Octavia Caruntu, Nicolae Alexandrescu, Cornel Marin, Luciana Cristea, Victor Dunca, Serban Dimitriu, 2010, „Dezvoltarea Educației pentru viabilizarea pieței muncii prin vectori inovatori MECATRONICA – INTEGRONICA (M&I)” - Al 18-lea Salon Internațional de Hidraulică, Pneumatică, Mecanica Fină, Mecatronică – HERVEX 2010, Calimanesti, Romania;
28. Gh. I. Gheorghe, Bratu Vasile, Adriana Cîrstoiu, 2010; „Galaxia Mecatronica si Integronica - Vectorul Sinergetic Inteligent pentru dezvoltarea educatiei si cercetarii industriale” - Al 18-lea Salon Internațional de Hidraulică, Pneumatică, Mecanica Fină, Mecatronică – HERVEX 2010, Calimanesti, Romania;
29. GHEORGHE I. Gheorghe, 2010; „Nanometrics – advanced nanotechnology in high-tech measuring processes integrated into intelligent and automated fabrication” - 21st DAAAM International World Symposium, University of Zadar, 23-24 oct.2010, Croatia, **cotat ISI**;
30. GHEORGHE I. Gheorghe si Vlad Vaduva, 2010; - “Micro-mechatronics and nano-mechatronics - integrated part in nano-sciences and nano-technologies”, 21st DAAAM International World Symposium, University of Zadar, 23-24 oct.2010, Croatia, **cotat ISI**;
31. Vlad Vaduva & GHEORGHE I. Gheorghe, 2010; „Experiments of potential fields’ method applied to a mini caterpillar robot” 21st DAAAM International World Symposium, University of Zadar, 23-24.oct.2010, Croația, **cotat ISI**;
32. Gh. Ion GHEORGHE, Paul BECA, Anton VIERU, Octavia CĂRUNTU, Nicolae ALEXANDRESCU, Cornel MARIN, Luciana CRISTEA, Viorel DUNCA, Mariana STOICA – “The Development of Education for the viability of labour market through the innovative vectors: MECHATRONICS – INTEGRONICS (M&I)”- International Conference 2nd International Conference on Innovations, Recent Trends and Challenges in Mechatronics, Mechanical Engineering and New High-Tech Products Development, MECAHITECH’10, Bucharest, 23-24 September 2010;
33. Robert Ciobanu, Octavian Dontu, Daniel Besnea, IulianAvarvarei, GHEORGHE I. Gheorghe , 2010, „Modular system used for treatingfuel fluids in a magnetic field”, International Conference on Mechanical and Electrical Technology, ICMET 2010, September 10-12, 2010, Singapore, China;
34. GHEORGHE I. Gheorghe, 2010 „Mecatronica integratoare - platformă națională de formare în educație și cercetare interdisciplinară” - Al 8-lea Simpozion Național cu Participare Internațională „Mecatronică si Inginerie Mecanică, Microtehnologii Și Materiale Noi - MIM-MMN 2010”, 18-19 Iunie 2010, TÂRGOVIȘTE, Romania;
35. GHEORGHE I. Gheorghe, From Precision Mechanics to Mechatronic Integrating Engineering and Intelligent and Information Micro-Engineering The Scientific Bulletin of VALAHIA University - Materials and Mechanics, Nr. 4 (anul 7) 2009, Simpozionul Internațional de mecatronică, microtehnologii și materiale noi, 2009, Târgoviște, Romania;
36. Gheorghe I. Gheorghe, Ciobota Nastase-Dan, Igor Drstvenssek- „The new generation of rapid prototyping technology in selective laser sintering for metal powders”- The Scientific Bulletin of VALAHIA University - Materials and Mechanics, Nr. 4 (anul 7) 2009, Simpozionul Internațional de mecatronică, microtehnologii și materiale noi, 2009, Târgoviște, Romania;
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