



Curriculum vitae Europass



Personal information

First name(s) / Surname(s) **GHEORGHE Ion GHEORGHE**
Address(es) 109 Lacul Tei Blvd. Bucharest, Romania
Telephone(s) 021/252.30.68 Mobile: 0730.01.40.73
0740.11.83.38
Fax(es) 021/252.34.37
E-mail incdmtm@incdmtm.ro ; geo@cefin.ro
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	<p>Assessor of National RDI Programmes (CALIST, RELANSIN); Evaluator, Consultant, Expert, Supervisor; Majors abroad Dimensional Instrumentation and Intelligent Control:</p> <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: • 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 - RWK - 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 - RWK - Germany • Diagnostic analysis, MAD - 3.1 to CEMATT - SA; • Quality Management and Internal Audit, with the Deutsche Gesellschaft für Qualität eV - RWK - Germany • Design planning and engineering management, with the Deutsche Gesellschaft für Qualität eV - RWK - 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 • 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	Conversation		Spoken interaction		Written interaction	
	French	A1 Elementary user	A2 Elementary user	A1	Elementary user	A1	Elementary user	A1	Elementary user
	German	A2 Elementary user	B1 Elementary user	A1	Elementary user	A1	Elementary user	B1	Elementary user
	English	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 & Mecatronics”; • 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 Istrițeanu (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 Istrițeanu , 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 Istrițeanu, 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 Istrițeanu, 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, Istrițeanu 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 Istriteanu, Liliانا Badita, Vasile Bratu, Adriana Cîrstoiu, 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, Istriteanu 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, Istriteanu 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, Bucharest, Romania, 19-21 May 2011;
14. Liliانا Bădița, Gh. Ion Gheorghe / The 10-th International Conference on Mechatronics and Precision Engineering – COMEFIM'10, Bucharest, 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 Condurteanu, 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 Cîrstoiu, "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 Istriteanu, Adriana Cîrstoiu, „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 Cîrstoiu, „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; cotate 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; cotate 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 Mecatronică și Integronica - Vectorul Sinergetic Inteligent pentru dezvoltarea educației și cercetării 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, **cotate ISI**;
30. GHEORGHE I. Gheorghe și 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, **cotate 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, **cotate 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, Iulian Avarvarei, GHEORGHE I. Gheorghe, 2010, „Modular system used for treating fuel 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 „Mecatronică integratoare - platformă națională de formare în educație și cercetare interdisciplinară” - Al 8-lea Simpozion Național cu Participare Internațională „Mecatronică și 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 Drstvensek- „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;
37. GHEORGHE, I. Gheorghe, The Integration of Mechatronics, Robotics and Integratics – a Polyvalent and Multidisciplinary Science - Simpozionul Internațional de mecatronică, microtehnologii și materiale noi, 2009, Târgoviște, Romania;
38. Gheorghe I. Gheorghe, Ciobota Dan, Drstvensek – „Implementation of the rapid prototyping technology for medical and Biomedical engineering” – A 3-a Ediție a Conferinței Internaționale *Educație și Creativitate pentru o societate bazată pe cunoaștere*, 19-20.nov.2009, Bucuresti;
39. GHEORGHE, Ion Gheorghe „Advanced micro and nano technologies for applications within intelligent production”, The 20th INTERNATIONAL DAAAM SYMPOSIUM Intelligent

Manufacturing & Automation: Theory, Practice & Education", 25-28th November 2009, Vienna, Austria; cotat ISI;

40. GHEORGHE I. Gheorghe & BADEA Florentina, „Integrative mechatronic micro-engineering used in intelligent manufacturing and automations”, The 20th INTERNATIONAL DAAAM SYMPOSIUM Intelligent Manufacturing & Automation: Theory, Practice & Education", 25-28th November 2009, Vienna, Austria; cotat ISI;

41. Gheorghe I. Gheorghe, „Intelligent Microengineering”, The 20th INTERNATIONAL DAAAM SYMPOSIUM Intelligent Manufacturing & Automation: Theory, Practice & Education", 25-28th November 2009, Vienna, Austria.

42. Ph. D, Eng. Professor Eurlng. Gh. Ion GHEORGHE, “Micronic, sub-micronic and nano-micronic precision metrological micro-technologies”, XX Anniversary International Scientific-and-Technological Conference “EXTREME ROBOTICS. NANO-, MICRO- AND MACROROBOTS”, ER-2009, Gelendzhik Region, Crasnodar, Rusia.

43. GHEORGHE I. Gheorghe, „Micronic, Sub-Micronic and Nano-Micronic Precision Metrological Micro - Technologies, 17th Annual International Conference on Composites or Nano Engineering ICCE-17 WAIKIKI, HONOLULU conference July 26-August 1, 2009 in Honolulu, Hawaii, USA;

44. Ph. D, Eng. Professor Eurlng. Gh. Ion Gheorghe si Ing. Ion Vrabioiu „Tehnologii Mecatronice inteligente integrate in Industria Auto”, *Revista Technomarket sisteme de fabricatie, Nr. 3/2009*;

45. Ph. D, Eng. Professor Eurlng. Gh. Ion Gheorghe, Drd. Ing. Cioboata Nastase-Dan „Implementarea tehnologiei de prototipare rapida pentru aplicatii in industrie”, *Revista Technomarket sisteme de fabricatie Nr. 3/2009*;

46. Veronica DESPA, Gheorghe GHEORGHE, Vasile DUMBRAVĂ “Research on the influence of high frequency magnetic field on the initial solidification of semi-finished continuous casting products and their economic competitiveness”, *Revista Metalurgica, Nr.7/2009*.

47. Gh. Ion Gheorghe, Ciobota Nastase-Dan, Igor Drstvensek (Slovenia) - “Products development new generation of rapid prototyping technology in selective laser sintering for metal powders”, The 1st International Conference on Innovations, Recent Trends and Challenges in Mechatronics, Mechanical Engineering and New High-Tech – MECAHITECH'09, Bucuresti, Romania

48. Georgios Charalampides (Greece), Octavian Dontu , Daniel Besnea, I.Voiculescu, Gh.I.Gheorghe, I.Avarvarei - “Manufacturing parts and mechatronics systems by laser welding on CNC system”, The 1st International Conference on Innovations, Recent Trends and Challenges in Mechatronics, Mechanical Engineering and New High-Tech – MECAHITECH'09, Bucuresti, Romania

49. Georgios Charalampides (Greece), Octavian Dontu, Daniel Besnea, Gh.I.Gheorghe, Gabriela C. Stanciulescu, Iulian Avarvarei - “Integration of rapid prototyping in manufacturing process for mechatronic systems”, The 1st International Conference on Innovations, Recent Trends and Challenges in Mechatronics, Mechanical Engineering and New High-Tech – MECAHITECH'09, Bucuresti, Romania;

50. Gh. Ion Gheorghe “Strategic directions for national and European high-tech fields mechatronics, robotics and integronics”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.36/2009, ISBN:1584-5982, cotata B+ in EBSCO*;

51. Vasile Dumbravă, Gh. Ion Gheorghe “Advanced instruments and techniques for evaluation and monitoring economical and financial indicators for industrial sectors of mechatronics, robotics and integronics”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.36/2009, ISBN:1584-5982, cotata B+ in EBSCO*;

52. Vasile Dumbravă, Gh. Ion Gheorghe “Analysis of the economic competitiveness increase for high-tech mechatronic products”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.36/2009, ISBN:1584-5982, cotata B+ in EBSCO*;

53. Georgios Charalampides, Octavian Dontu, Daniel, Besnea, I.Voiculescu, Gh.I.Gheorghe, I.Avarvarei „Manufacturing Parts and Mechatronics Systems by Laser Welding on CNC System”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.35/2009, ISBN:1584-5982, cotata B+ in EBSCO*;

54. Gh. Ion Gheorghe, Ciobota, Nastase-Dan, Igor Drstvensek “The new generation of rapid prototyping technology in selective laser sintering for metal powders”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.35/2009, ISBN:1584-5982, cotata B+ in*

EBSCO;

55. Georgios Charalampides, Octavian Dontu, Daniel, Besnea, Gh.I.Gheorghe, Gabriela C. Stanciulescu, Iulian Avarvarei "Integration of rapid prototyping in manufacturing process for mechatronic systems", *The Romanian Review Precision Mechanics, Optics & Mechatronics*, Nr.35/2009, ISBN:1584-5982, cotata B+ in EBSCO;

56. Gheorghe I. Gheorghe și alții, 2008 „Mechatronics and Micro Mechatronics Concepts for Intelligent Systems and for Advanced Robotics, with Applications for Technological and Measurement and Control Processes” – 12TH International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology” TMT 2008, 26 – 30 August 2008, Istanbul, Turkey.

57. Gheorghe I. Gheorghe și alții, 2008 „Some research about active control process optimisation” - 12TH International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology” - TMT 2008, 26 – 30 August 2008, Istanbul, Turkey.

58. Gheorghe I. Gheorghe și alții, 2008 „On the Post Process Dimensional Control Aided by Computer” – The 19TH International DAAAM Symposium „Intelligent Manufacturing & Automation: Focus on Focus on Next Generation of Intelligent Systems and Solutions” 22 – 25TH October 2008

59. Gheorghe I. Gheorghe și alții, „Mechatronics and Micro – Mechatronics Concepts and Techniques for Intelligent Integrating Micro Engineering” – The 19TH International DAAAM Symposium „Intelligent Manufacturing & Automation: Focus on Focus on Next Generation of Intelligent Systems and Solutions” 22 – 25TH October 2008

60. Gheorghe I. Gheorghe, Intelligent mechatronics equipments applied to measurement and integrated control processes from high-tech industrial medium – EXTREME ROBOTICS 19th All-Russian Scientific-and-Technological Conference with International Participation April 8-9, 2008, Saint-Petersburg;

61. Gheorghe, I. Gheorghe și alții: „Flexible Center for welding with High for Industrial Application”, - International Symposium “INDLAS 2008: Industrial Laser Applications”; Proceedings of SPIE; anul 2008; **cotat ISI**;

62. Gheorghe, I. Gheorghe: „Experimental and theoretical studies regarding intelligent sensors and actuators of high precision used in precision mechanics, mechatronics and robotics domain” - International Symposium “INDLAS 2008: Industrial Laser Applications”; Proceedings of SPIE; anul 2008; **cotat ISI**;

63. Gheorghe, I. Gheorgheși alții: „Some Aspects of Laser welding for Stainless Steel Radioactive Capsules, - International Symposium “INDLAS 2008: Industrial Laser Applications”; Proceedings of SPIE; anul 2008; **cotat ISI**;

64. Gheorghe, I. Gheorgheși alții: „Intelligent Mechatronic Systems with Laser for integrated measurement and control with applications in industrial and metrological processes and metrology” - International Symposium: “INDLAS 2008: Industrial Laser Applications”; Proceedings of SPIE; anul 2008; **cotat ISI**;

65. Gheorghe, I. Gheorghe și alții: „Some problems regarding the laser welding of high alloy steels” - International Symposium “INDLAS 2008: Industrial Laser Applications”; Proceedings of SPIE; anul 2008; **cotat ISI**;

66. Georgios Charalampides , Aurel Abalaru, Gh. I. Gheorghe, Octavian Dontu, Daniel Besnea “The Optimization Of The Rectifying Process By Vibro-Acoustic Monitoring Of Processings (pl)”, *The Romanian Review Precision Mechanics, Optics & Mechatronics*, Nr.34/2008, ISBN:1584-5982, cotata B - CNCSIS;

67. Georgios Charalampides, Aurel Abalaru, Gheorghe I.Gheorghe, Octavian Dontu, Daniel Besnea, „Increasing processing precision in rectifying by monitoring generated vibrations”, *The Romanian Review Precision Mechanics, Optics & Mechatronics*, Nr.34/2008, ISBN:1584-5982, cotata B - CNCSIS;

68. C. Delavet, Gh. Gheorghe, O. Dontu, D. Besnea, I.Voiculescu, A. Prodan „Aspects concerning laser welding of stainless steels capsules”, *The Romanian Review Precision Mechanics, Optics & Mechatronics*, Nr.33/2008, ISBN:1584-5982, cotata B - CNCSIS;

69. Georgios Charalampides, Gh. Ion Gheorghe, Besnea Daniel, Octavian Dontu, Nicolae Alexandrescu, Paul Beca „Design and execution of mechatronics parts by using CNC centers”, *The Romanian Review Precision Mechanics, Optics & Mechatronics*, Nr.33/2008, ISBN:1584-5982, cotata B - CNCSIS;

70. Alain Gerard, Gh. Ion Gheorghe, Octavian Dontu, „Mechatronics and micro -

mechatronics concepts for intelligent systems and for advanced robotics, with applications for technological and measurement and control processes”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.33/2008, ISBN:1584-5982, cotata B - CNCSIS*;

71. Christian Delavet Ensam, Gh. Ion Gheorghe „Intelligent mechatronics equipments applied to measurement and integrated control processes from high-tech industrial medium”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.33/2008, ISBN:1584-5982, cotata B - CNCSIS*;

72. Marc Ponsar, Joaquim Chicot, Jerome Leveque, Anuschka Kerstens, Arshaf Fahmy, Le Chi Hieu, Carmo Silva, Gh. Ion Gheorghe, Gheorghe Popan, Sorin Sorea, Paul Ancuta „Three-dimensional measurement with laser”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.33/2008, ISBN:1584-5982, cotata B - CNCSIS*;

73. Stergios Ganatios, Gh. Ion Gheorghe, Octavian Donțu, Paul Beca, Vasile Bratu, „Laser mecatronic intelligent systems for measurement and integrated control with applications in industrial and metrological processes”, *The Romanian Review Precision Mechanics, Optics & Mechatronics, Nr.33/2008, ISBN:1584-5982, cotata B - CNCSIS*;

74. Gheorghe I. Gheorghe, New mechatronic concepts for intelligent equipments and for advanced robotics, with applications for measurement and control in technological and metrological processes - COMEFIM'9, The 9th International Conference on Mechatronics and Precision Engineering -12th – 14th June 2008, IAȘI;

75. Gheorghe I. Gheorghe, „Considerations on using the time information from the GPS signal for achieving modern master clock/clock installations” CONFERINȚA INTERNAȚIONALĂ WESIC'08 - 6th Workshop on European Scientific and Industrial Collaboration on promoting Advanced Technologies in Manufacturing, 25 – 26 Septembrie 2008, Bucuresti;

76. Gheorghe I. Gheorghe, „3D MEASUREMENT WITH LASER” CONFERINȚA INTERNAȚIONALĂ WESIC'08 - 6th Workshop on European Scientific and Industrial Collaboration on promoting Advanced Technologies in Manufacturing, 25 – 26 Septembrie 2008, Bucuresti;

77. Gheorghe I. Gheorghe, „Aspects concerning laser welding of stainless steels capsules” CONFERINȚA INTERNAȚIONALĂ WESIC'08 - 6th Workshop on European Scientific and Industrial Collaboration on promoting Advanced Technologies in Manufacturing, 25 – 26 Septembrie 2008, Bucuresti;

78. Gheorghe I. Gheorghe, „Design and execution of mechatronics parts by using CNC centers” CONFERINȚA INTERNAȚIONALĂ WESIC'08 - 6th Workshop on European Scientific and Industrial Collaboration on promoting Advanced Technologies in Manufacturing, 25 – 26 Septembrie 2008, Bucuresti;

c) books:

1. **Intelligent MicroNanoRobotics**, 2010, author: **Professor PhD Eng Eurlng Gh. Ion Gheorghe**;
2. **Intelligent Integrated MicroNanoTechnologies**, 2010, author: **Professor PhD Eng Eurlng Gh. Ion Gheorghe**;
3. **Rapid Prototyping Advanced Microtechnologies by Selective Laser Sintering**, 2010, authors: **Professor PhD Eng Eurlng Gh. Ion Gheorghe**, Professor PhD Eng Eurlng Doru Dumitru Palade, Eng. Alexandru Moldovanu, PhD Student Eng. Dan Ciobota, PhD Student Eng. Adrian Pacioga;
4. **Manufacturing Industry Evolution, 2010**, authors: Prof. Univ. EurEng. Dr. Eng. Gh. Ion Gheorghe, Eng. Anton Vieru, Eng. Cristina Marinescu, PhD Eng. Iulian Munteanu, Eng. Valentin Gornoava;
5. **Manufacturing Industry Evolution, 2010**, authors: Prof. Univ. EurEng. PhD Eng. Gh. Ion Gheorghe, Eng. Anton Vieru, Eng. Cristina Marinescu, PhD Eng. Iulian Munteanu, Eng. Valentin Gornoava;
6. **Evolutia Industriei Prelucratoare / The Evolution of the Manufacturing Industry, 2010**, authors: Prof. Univ. EurEng. PhD Eng. Gh. Ion Gheorghe, Eng. Anton Vieru, Eng. Cristina Marinescu, PhD Eng. Iulian Munteanu, Eng. Valentin Gornoava;
7. **Processing Industry: Synthesis on Sector Competition, 2010**, authors: Prof. Univ. EurEng. PhD Eng. Gh. Ion Gheorghe, Eng. Anton Vieru, Eng. Cristina Marinescu, PhD Eng. Iulian Munteanu, Eng. Valentin Gornoava;
8. **Intelligent and Information Instrumentation Engineering – re-published**, 2010,

- author: Prof. Univ. EurEng. PhD Eng. Gheorghe Ion Gheorghe;
9. **Integrated Mechatronics- Integronics - re-published**, 2010, author: Prof. Univ. EurEng. PhD Eng. Gheorghe Ion Gheorghe;
 10. **Instrumentation Engineering – re-published, 2010**, authors: PhD Eng. Gheorghe Ion Gheorghe, [Prof.PhD Eng. Francisc Kovacs], PhD Eng. Doru Dumitru Palade, PhD Student Eng. Ioan Popa, Prof. PhD Eng. Valentin Pau;
 11. **Intelligent Measurement Technique – re-published, 2010**, authors: Professor PhD Eng Eurlng Gh. Ion Gheorghe
 12. **System and Information Engineering – re-published; 2010**, authors: Prof. Univ. EurEng. PhD Eng. Gh. Ion Gheorghe, Prof. PhD Eng. D.D.Palade, PhD Eng. Ulm Spineanu, Professor PhD Eng Eurlng Valentin Pau;
 13. **Electric, Electronic and Precision Mechanics Industry Strategy on the Development of High-Added Value Production • Current Stage of the Industrial Field of Medical Devices and Instruments, of Electric and Non-Electric Measuring and Control Devices (2005-2008), 2010**, author: Prof. Univ. EurEng. PhD Eng. Gh. Ion Gheorghe;
 14. **Strategies, Directions, Measures and Orientations of the Industrial Field of Precision Mechanics and Mechatronics With the View to Increasing Competition and Added Value in the Context of Aligning to the EU, 2010**, author: Prof. Univ. EurEng. PhD Eng. Gh. Ion Gheorghe;
 15. **New Method and Procedure in a Mechatronic Conception for Measuring, Testing and Assessing the Intelligent Digital Instrumentation for Dimensional Control with the View to Aligning to the EU Norms and Standards, 2010**, author: Prof. Univ. EurEng. PhD Eng. Gh. Ion Gheorghe;
 16. **Current and future stage of integrated automated control in intelligent technological processes complementarily with the European trends, 2010**, authors: Professor PhD Eng Eurlng Gh. Ion Gheorghe, Eng. Marian Vocurek, [PhD Eng. Paul Beca]
 17. **Integrated Control Intelligent Mechatronic systems and equipments for optimizing technological processes and developing the multi-parameter monitoring capacity for variables of industrial processes, 2010**, authors: Professor PhD Eng Eurlng Eur Ing Gheorghe Ion Gheorghe, [PhD Eng. Paul Beca], Eng. Marian Vocurek
 18. **Integrated Control Mechatronics Systems in Intelligent Processes of Mechanic Processing and Montage / Present and Future Forecast of the Automated Control Field, Development of Sensorics, Acquisition Elements and Data Process, Eng. Strategic directions, 2010**, authors: Professor PhD Eng Eurlng Eur. Eng. Gheorghe Ion Gheorghe, [PhD Eng. Paul Beca], Eng. Anton Vieru, Eng. Marian Vocurek
 19. **Aligning Technology Manufacturing Equipment for Micro and Nanoprelucrări Requirements and Development Trends in Europe and Worldwide • Analysis of the Current and Future Development of the Field, 2010**, authors: Professor PhD Eng Eurlng EurEng. Gheorghe Ion Gheorghe, [PhD Eng. Paul Beca], Fiz. PhD Student Liliana Laura Bădiță.
 20. **Aligning Technology Manufacturing Equipment for Micro and Nano-Processing Requirements and Development Trends in Europe and Worldwide • Evaluation of New Manufacturing Technologies of Micro- Nano-Processing, 2010**, authors: Professor PhD Eng Eurlng EurEng. Gheorghe Ion Gheorghe, [PhD Eng. Paul Beca], Fiz. PhD Student Liliana Laura Bădiță.
 21. **Micro and Macro Engineering Metrology Surface Geometry – 2009**, ISBN: 978-606-92267-0-4, authors: **Prof. Univ. EurEng. PhD Eng. Gheorghe Ion Gheorghe**, Eng. Cioboata Daniela, Dr.Eng. Aurel Abalaru, Eng. Logofatu Cristian, Eng.Traistaru Florin, Eng. Stanciu Danut; Editura CEFIN
 22. **Advanced Micro and Nano Mechatronics – 2009**, ISBN: 978-606-92267-1-1, author: **Prof. Univ. EurEng. PhD Eng. Gheorghe Ion Gheorghe**, PhD Student Physicist Liliana Badita; Editura CEFIN
 23. **Smart Micro-engineering – 2009**, ISBN: 978-606-92267-2-8, author: **Prof. Univ. EurEng. PhD Eng. Gheorghe Ion Gheorghe**, CEFIN Publishing House
 24. **Computer-aided Manufacturing Technologies – 2008 - ISBN: 978-606-521-174-2**, authors: D. Besnea, G.O.Dontu, N.Alexandrescu, **Prof. Univ. EurEng. Dr. Eng Gheorghe Ion Gheorghe**, P.Beca, A.Abalaru;

25. **European Project Management** – 2008 – ISBN: 978-973-87042-8-2; author: **Prof. Univ. EurEng. Dr. Ing Gheorghe Ion Gheorghe;**
26. **Scientific Research Methodology** – 2008; ISBN: 978-973-87042-9-9; author: **Prof. Univ. EurEng. PhD Eng. Gheorghe Ion Gheorghe;**
27. **Integrative Engineering** - 2007 - ISBN 978-973-87042-7-5 | ISBN 978-973-87042-7-5 author: **Gheorghe Ion Gheorghe;**
28. **Applied Mechatronics** - 2007 - authors: Mihaita Ardeleanu, **Gheorghe Ion Gheorghe,** Gheorghe Matei;
29. **Precision Mechanics, Mechatronics and Integronics Engineer Handbook** – 2006 – p ISBN-10: 973-87042-6-X, ISBN-13: 978-973-87042-6-8 authors: **Conf. univ.dr.Eng. Gheorghe Ion Gheorghe,** Dr.Eng. D.D. Palade, Dr.Eng. Ulm Spineanu, Prof.univ.dr.Eng. Valentin Pau.
30. **Intelligent and Information Instrumentation Engineering** – 2005 – ISBN 973-87042-4-3 author: **Conf. Univ. PhD Eng. Gheorghe Ion Gh.**
31. **System and Information Engineering** – 2005 – ISBN 973-87042-5-1 authors: **Conf. Univ. PhD Eng. Gheorghe Ion Gh.,** PhD Eng. D.D. Palade, PhD Eng. Ulm N. Spineanu, Professor PhD Eng Eurlng Valentin Pau;
32. **Technical Dictionary in English** - 2004-ISBN 973- 712-033-7, authors: Gabriela Pop, Florin Popa, Cristina Rizescu, **Gh. Gheorghe;**
33. **Microsensorics, MicroMechatronics and Microrobotics** – 2004 – ISBN 973-87042-0-0 authors: **Conf. Univ. PhD Eng. Gheorghe Ion Gh.,** PhD Eng. D.D. Palade, Professor PhD Eng Eurlng Valentin Pau, Eng. Ion Florin POPA;
34. **Intelligent Measurement Technique** – 2004 – ISBN 973-87042-1-9 author: **Conf. Univ. PhD Eng. Gheorghe Ion Gheorghe;**
35. **Sensors and Transducers for Industrial Applications** – 2003- ISBN 973-99591-0-5 | 973-99591-9-9 , authors: **Conf. Univ. PhD Eng. Gheorghe Ion Gheorghe,** PhD Eng. D.D. Palade, Professor PhD Eng Eurlng Valentin Pau;
36. **Integrated Mechatronics – Integronics** – 2003 – ISBN 973-99591-0-5 | 973 – 99591-8-0, author: **Conf. Univ. PhD Eng. Gheorghe Ion Gheorghe;**
37. **Tolerances, Quality Control, Dimensional Control** („PRINTECH” Publishing House) – 2002 - ISBN 973-652-717-4, authors: Valentin Pau, **Gh. Ion Gheorghe,** Despina Duminică;
38. **Mechatronics – Fundamentals • Applications • Trends** - 2002- ISBN 973-99591-0-5 | 973-99591-7-2, authors: **Gh. Ion Gheorghe,** D.D. Palade, Valentin Pau;
39. **Research and Development Management and Marketing – Concepts • Methods • Instruments • Procedures** – 2001 - ISBN: 973-99591-0-5 | 973 – 99591 – 5 – 6; authors: **Gh. Ion Gheorghe;**
40. **Measurement Technique – Part II – Automation & Informatization**– 2001 - ISBN 97-99591-0-5 | 973-99591-6-4, author: **Gh. Ion Gheorghe.**
41. **Measurement technique** – 2001 - ISBN 97-99591-0-5 | 973-99591-4-8, authors: **Gh. Ion Gheorghe,** Valentin Pau, D.D. Palade.
42. **Instrumentation Engineering – Part III – Measurement, Regulating and Control Equipments for Industrial Processes** – 2000 - ISBN 973-99591-0-5 / ISBN 973-99591-3-x;, authors: **Gh. Ion Gheorghe,** Valentin Pau, D.D. Palade.
43. **Instrumentation Engineering – Part II – Instruments, Devices, Measuring Checking and Dimensional Control Systems**– 2000 – ISBN 973-99591-0-5 | 973-99591-2-1; , authors: **Gh. Ion Gheorghe,** Valentin Pau, D.D. Palade.
44. **Instrumentation Engineering – Part I – Incremental Displacement and Position Photo-Electrical Systems and Transducers used in Precision Mechanics, Mechatronics and Robotics** – 1999 - ISBN 973-99591-0-5 | 973-99591-1-3; authors: **Gh. I. Gheorghe,** Francisc Kovacs, Valentin Pau, D.D. Palade.

d) **Research reports:** over 550

Membru al asociatiilor profesionale:

- AROMAR member (Romanian Marketing Association);
- AMCOR member (Consultancy Association in Romania);

- CCIR member (Chamber of Commerce and Industry of Romania);
- AGIR member (General Association of Engineers in Romania);
- AMFOR executive president (Romanian Association of Precision Mechanics and Optics);
- FRPC member (Romanian Foundation for Quality Promotion);
- FIMAN member – (International Management Foundation).
- PMR founding member (Project Management Romania);
- SROMECA founding member (Romanian Society of Mechatronics).
- APROMECA president (Romanian Association of The Patronage in the Precision Mechanics, Optics and Mechatronics Industry)