



## Curriculum vitae Europass



### Informații personale

Nume / Prenume **MAIER Catalina**

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Naționalitate(-tăți) romana

Data nașterii 25.02.1955

Sex feminin

**Locul de muncă vizat / Prof.dr.ing.**

**Domeniul ocupațional**

### Experiența profesională

Perioada	1983 – prezent angajat la Universitatea „Dunarea de Jos” din Galati
Funcția sau postul ocupat	2003 – prezent profesor universitar, Catedra CMRS, Facultatea de Mecanica 1998-2003 conferențiar universitar, Catedra TCM, Facultatea de Mecanica 1990-1998 șef de lucrări, Catedra TCM, Facultatea de Mecanica 1983 – 1990 inginer analist al Catedrei TCM la Centrul de Calcul Electronic al Universității „Dunarea de Jos” din Galati
Activități și responsabilități principale	Activități de predare, cercetare contractuală și coordonare studenți la licență și master Secretar științific al Facultății de Mecanica (2008 – prezent) Membru al Centrului de Cercetare ITCM (2004-prezent) Președinte al Comisiei de asigurare a Calității la Master specializarea Ingineria Sistemelor Integrate de Fabricație (2008-prezent) Membru în Consiliul Profesorat al Facultății de Mecanica (2000-2004, 2008-prezent) Membru în Comisia de Calitate a Facultății de Mecanica (2008-prezent) Președinte al Comisiei pentru Cercetare Științifică a Facultății de Mecanica (2008-prezent) Responsabil ERASMUS al Facultății de Mecanica (2005-prezent) Director specializare Master Modelarea Numerică a Proceselor Mecanice și Tehnologice (1998-2008) Director specializare Master Ingineria Sistemelor Integrate de Fabricație (2008-prezent) Coordonare lucrări grad I pentru profesori ingineri din învățământul pre-universitar
Numele și adresa angajatorului	Universitatea „Dunarea de Jos” din Galati, Str. Domneasca nr. 47, 800008 Galati, Romania
Tipul activității sau sectorul de activitate	Învățământ universitar
Perioada	13-20 noiembrie 2009 2-9 iulie 2006
Funcția sau postul ocupat	Profesor cercetător invitat

Activități și responsabilități principale Prezentare conferinta invitat *Développement d'un nouveau concept de mise en forme basé sur des techniques nouvelles de réduction des modèles*, in cadrul unui seminar stiintific organizat la ENSAM de Metz.  
 Activitate de predare curs la nivel master si doctorat pe tema *Usinage à grande vitesse. Modélisation numérique éléments finis*.

Numele și adresa angajatorului ENSAM de Metz, 4 rue Augustin Fresnel, 57078 Metz Cedex 3, France.

Tipul activității sau sectorul de activitate Invatamant universitar

Perioada 1-8 septembrie 2008

Funcția sau postul ocupat Profesor invitat

Activități și responsabilități principale Activitate de predare curs pentru studenti de nivel licenta si master, cu tema *Materials Plastic Deformation Mechanisms*

Numele și adresa angajatorului Technological Education Institute of Piraeus-Atena, Grecia

Tipul activității sau sectorul de activitate Invatamant universitar

Perioada 12-18 octombrie 2008

Funcția sau postul ocupat Profesor invitat

Activități și responsabilități principale Activitate de predare curs pentru studenti de nivel licenta si master, cu tema *Modélisation numérique du comportement des couches minces dans les conditions des déformations sévères*

Funcția sau postul ocupat Profesor invitat

Activități și responsabilități principale \* Activitate de predare cursuri pentru studenti de nivel master si doctorat; tematica acestor cursuri: *Mise en forme des matériaux*  
 \* Participare la comisiile de evaluare a studentilor stagjari de la Ecole des Mines de Douai la Universitatea Dunarea de Jos din Galati

Numele și adresa angajatorului Ecole des Mines de Douai, 941 rue Charles Bourseul, BP 10838, 59508 DOUAI Cedex France.

Tipul activității sau sectorul de activitate Invatamant universitar

4-19 februarie 2020 (4.02, 7.02, 12.02, 19.02 curs online)  
 22-26 octombrie, 2018 (curs online)  
 23-27 octombrie, 2017  
 24-28 octombrie, 2016  
 19-23 octombrie 2015  
 17-26 octombrie 2014  
 18-26 octombrie 2013  
 17-27 octombrie 2012

Perioada 28 august-5 septembrie 2007  
 17-24 iunie 2006  
 29 august-10 septembrie 2005

Funcția sau postul ocupat Profesor invitat

Activități și responsabilități principale \*Activitate de predare cursuri pentru studenti de nivel master si doctorat; tematica acestor cursuri: *Mise en forme des matériaux métalliques, Identification du comportement mécanique des matériaux métalliques, Modélisation numérique des procédées de mise en forme des tôles minces métalliques et composites multi-couches*  
 \*Coordonare activitate de cercetare doctoranzi ai LPMTM

Numele și adresa angajatorului LPMTM – laboratoire CNRP UPR 9001, Institut Galilée Université Paris 13, Avenue Jean-Baptiste Clément, 93430 VILLETANEUSE, France.

Tipul activității sau sectorul de activitate Invatamant universitar

Perioada 25 iunie-1 iulie 2006

Funcția sau postul ocupat Profesor invitat

Activități și responsabilități principale Activitate de predare curs cu tema *Modélisation numérique de la mise en forme des matériaux métalliques et composites*, pentru studenti de nivel master si doctorat.

Numele și adresa angajatorului INSA de Rennes, France

Tipul activității sau sectorul de activitate Invatamant universitar

Perioada 2001-2003

Funcția sau postul ocupat Profesor PAST



Activități și responsabilități principale	<p>* Responsabil tema la contractele du titlul:</p> <ul style="list-style-type: none"> <li>- Modelisation du comportement mecanique de l'acier SPPH 1000</li> <li>- Optimisation des process de mise en forme de l'aciers special HSLA340 et des alliages d'aluminium (5182, 6016) par la modelisation de leur comportement mecanique</li> <li>- Modelisation du comportement mecanique des aciers a haute limite d'elasticite</li> <li>- Optimisation des process de mise en forme de 2 aciers speciaux par la modelisation de leur comportement mecanique</li> <li>- Modelisation du comportement mecanique de l'acier TRIP500</li> <li>- Modelisation du comportement mecanique de l'acier TRIP800</li> <li>- Modelisation du comportement mecanique de l'acier P220</li> <li>- Modelisation du comportement mecanique des aciers dual-phasiques DP600 et DP500 et de l'acier DC06</li> </ul> <p>Incheiate intre LPMTM – CNRS si partenerii industriali SOLLAC–Groupe Arcelor si RDCS-Groupe Usinor, France.</p> <p>* Responsabil tema in cadrul contractului FP6 3DS - Digital Die Design Systems, nr. IMS 1999 000051</p>
Numele și adresa angajatorului	Institut Galilée Université Paris 13, Avenue Jean-Baptiste Clément, 93430 VILLETANEUSE - Ministère de l'éducation nationale, de la jeunesse et de la vie associative, France
Tipul activității sau sectorul de activitate	Invatamant universitar
Perioada	1 martie-31 august 1998
Funcția sau postul ocupat	Cercetator invitat postdoc
Activități și responsabilități principale	<ul style="list-style-type: none"> <li>- Responsabil contract nr. 051060600/1998 din partea LPMTM, cu titlul "Simulation numérique et validation expérimentale du cintrage de coulisses de vitre en alliage d'aluminium revêtu de caoutchouc utilisées dans l'industrie d'automobile", incheiat cu BTR Automobile, France.</li> <li>- Membre in colectivul de cercetare al LPMTM pentru contractul european de cercetare BRITE/EURAM Nr. BRPR-CT97-0492, cu titlul "An accurate plasticity model of texture, strain-path induced anisotropy and forming limits for computer-aided sheet metal forming"</li> </ul>
Numele și adresa angajatorului	LPMTM – laboratoire CNRP UPR 9001, Institut Galilée Université Paris 13, Avenue Jean-Baptiste Clément, 93430 VILLETANEUSE, France.
Tipul activității sau sectorul de activitate	cercetare
Perioada	15 ianuarie-15 aprilie, 1 octombrie-30 decembrie 1992
Funcția sau postul ocupat	Profesor cercetator invitat
Activități și responsabilități principale	Cercetare si coordonare a activitatilor studentilor stagieri romani
Numele și adresa angajatorului	CEMEF – Centre de Mise en Forme des Materiaux, B.P. 207 - 06904 Sophia Antipolis Cedex, France.
Tipul activității sau sectorul de activitate	cercetare
Perioada	1979-1983
Funcția sau postul ocupat	Inginer tehnolog
Activități și responsabilități principale	Proiectare tehnologii de prelucrare prin aschiere si deformare plastica la rece
Numele și adresa angajatorului	Combinatul Siderurgic Galati (in prezent Arcelor Mittal Steel Galati), Sos. Smardan, nr. 1, 800698 Galati, Romania.
Tipul activității sau sectorul de activitate	Industria siderurgica

## Educație și formare

Perioada	Oct. 1990 – iul. 1997
Calificarea / diploma obținută	doctor inginer
Disciplinele principale studiate / competențe profesionale dobândite	Titlul tezei: Cercetari privind procesul de ambutisare a pieselor de configuratie complexa
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea „Dunarea de Jos” din Galati, Str, Domneasca nr. 47, 800008, Galati, Romania.
Nivelul în clasificarea națională sau internațională	doctor inginer in domeniul Inginerie Industriala
Perioada	Martie-mai 1980
Calificarea / diploma obținută	Diploma: Analist programator
Disciplinele principale studiate / competențe profesionale dobândite	Analist programator

Numele și tipul instituției de învățământ / furnizorului de formare ICI Bucuresti  
 Nivelul în clasificarea națională sau internațională informatica  
 Perioada 1974-1979  
 Calificarea / diploma obținută Diploma in Inginerie Mecanica, specializarea Tehnologia Constructiei de Masini  
 Disciplinele principale studiate / competențe profesionale dobândite Discipline studiate: geometrie analitica si descriptiva, analiza matematica, mecanica, rezistenta materialelor, desen, programarea calculatoarelor, studiul materialelor, bazele aschierii si generarii suprafetelor, matematici speciale, termotehnica, organe de masini, mecanica fluidelor, vibratii mecanice, tehnologia presarii la rece, scule aschietoare, tehnologia constructiei de masini, masini-unelte, proiectarea dispozitivelor, economie, organizarea muncii, limba franceza.

Numele și tipul instituției de învățământ / furnizorului de formare Universitatea „Dunarea de Jos” din Galati, Str, Domneasca nr. 47, 800008, Galati, Romania  
 Nivelul în clasificarea națională sau internațională Invatamant universitar

### Aptitudini și competențe personale

Limba(i) maternă(e) romana

Limba(i) străină(e) cunoscută(e) franceza, engleza, rusa

Autoevaluare  
 Nivel european (\*)

	Înțelegere				Vorbire				Scriere	
	Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
<b>franceza</b>	C2	excelent	C2	excelent	C2	excelent	C2	excelent	C1	excelent
<b>engleza</b>	B2	avansat	B2	avansat	B2	avansat	B2	avansat	B2	avansat
<b>rusa</b>	A1	incepator	A1	incepator	A1	incepator	A1	incepator	A1	incepator

(\*) [Nivelul Cadrelui European Comun de Referință Pentru Limbi Străine](#)

Competențe și abilități sociale

- Eperienta de lucru in diferite tari si cu oameni de diferite nationalitati
- Abilitatea de a comunica cu oameni de diferite culturi si adaptabilitate in diferite medii de lucru
- Experienta de predare folosind atat metodele clasice cat si cele moderne, ICT
- Participarea la conferinte internationale in Franta, Portugalia, Tunisia, Turcia, Bulgaria, SUA, Algeria.
- Participarea la contracte internationale si nationale CNCISIS, CEEX, PN II, PN III, ID, TEMPUS, PECO, BRITE/EURAM, COPERNICUS, FP6.

Competențe și aptitudini organizatorice	<p>Management academic:</p> <ul style="list-style-type: none"> <li>- Secretar stiintific al Facultatii de Mecanica</li> <li>- Prodecan al Facultatii de Inginerie</li> <li>- Director al programelor de studii de master specializarile Modelarea Numerica a Proceselor Mecanice si Tehnologice, Ingineria Sistemelor Integrate de Fabricatie</li> <li>- Responsabil ERASMUS al Facultatii de Mecanica</li> <li>- Coordonare lucrari de licenta si master pentru studenti romani, spanioli, francezi.</li> <li>- Coordonare activitate de cercetare doctorala in cadrul laboratorului CNRS – LPMTM, Paris, Franta.</li> <li>- Membru in comisia de sustinere a unei teze de doctorat la Universitatea din Bordeaux, Franta si in comisia de sustinere a 3 teze de doctorat la Universitatea „Dunarea de Jos” din Galati, Romania</li> </ul> <p>Management si coordonare proiecte de cercetare:</p> <ul style="list-style-type: none"> <li>- coordonator/director 2 proiecte CNCSIS, 3 proiecte PNII, 1 proiect ID, 1 proiect PNIII</li> <li>- responsabil stiintific partenet UDJ la proiectele FP6 VIF_CA Nr. 507331 si BRITE/EURAM Nr. BRPR-CT97-0492</li> <li>- responsabil tema la 9 contracte internationale cu terti (SOLLAC – Groupe Arcelor, RDCS – Groupe Usinor si BTR AutomotiveFranta).</li> <li>- responsabil tema la 6 proiecte CEEEX, 5 proiecte CNCSIS.</li> </ul> <p>Organizator/Membru in comitetul stiintific al unor manifestari stiintifice</p> <ul style="list-style-type: none"> <li>- Organizator al unui numar de 32 manifesari stiintifice internationale in Romania si Franta, cu participarea unor invitati din Japonia, Franta, Italia, Anglia, Grecia, Belgia, Olanda, Spania</li> <li>- Membru in Comitetul de organizare al conferintelor Internationale ARTENS 2008 (Galati – Romania) si NewTech 2009 (Galati – Romania).</li> <li>- Membru in Comitetul stiintific al conferintelor Internationale ICAMat 2014 (Bucarest – Romania), IManE 2015 (Iasi – Romania), NUMIFORM 2016 (Troyes – France), Numiform 2019 (SUA).</li> <li>- Organizator al Sesiunii Nationale de Comunicari stiintifice Studentesti „Anghel Saligny” in 2009-2018.</li> </ul>
Competențe și aptitudini tehnice	<ul style="list-style-type: none"> <li>- Predarea utilizand instrumentele multimedia</li> <li>- Dezvoltarea de noi cursuri</li> <li>- Prezentare lucrari stiintifice la conferinte si workshopuri internationale</li> <li>- Prezentarea unui numar de 14 conferinte invitat in universitati din Franta, Tunisia si Grecia.</li> <li>- Identificarea comportarii mecanice a materialelor metalice si compozite multistrat</li> <li>- Simularea numerica a proceselor de deformare plastica</li> <li>- Proiectarea tehnologica asistata de calculator</li> </ul>
Competențe și aptitudini de utilizare a calculatorului	<ul style="list-style-type: none"> <li>- Experienta de lucru pe calculatoare IBM PC, statie IBM RISC 6000, Silicon Graphics, Server DELL</li> <li>- Conceptie de programe in limbajele Fortran, Turbo Pascal</li> <li>- Experienta in utilizarea programelor de element finit FORGE2, MARC</li> <li>- Utilizare MSWindows, MSOffice, PowerPoint, MSVisio, Solidcam, Mastercam.</li> </ul>
Competențe și aptitudini artistice	Pictura

Alte competențe și aptitudini Apartenența la organizații științifice naționale și internaționale:

- ESAFORM – European Scientific Association for Material FORMing - membru fondator (din anul 1997)
- Society of Automotive Engineers of Japan – membru din 2006 (prin analiza CV-ului)
- ARTN – Asociația Română de Tehnologii Neconvenționale - membru al filialei din Galați din anul 1994
- AUIF - Asociației Universitare de Ingineria Fabricației, România – membru din 2008.
- ARTENS – Asociația Română de Tensometrie – membru din 2008.
  
- Premiu ISI Web of Knowledge „As of September/October 2015, this highly cited paper” pentru lucrarea Haddadi, H., Bouvier, S., Banu, M., Maier, C., Teodosiu, C., *Towards an accurate description of the anisotropic behaviour of sheet metals under large plastic deformations: Modelling, numerical analysis and identification*, *International Journal of Plasticity* 22 (12), pp. 2226-2271, [http://apps.webofknowledge.com/summary.do?product=UA&parentProduct=UA&search\\_mode=GeneralSearch&parentQid=2&qid=3&SID=S1IQOwYJYK63VexOg6i&&update\\_back2search\\_link\\_param=yes&page=2](http://apps.webofknowledge.com/summary.do?product=UA&parentProduct=UA&search_mode=GeneralSearch&parentQid=2&qid=3&SID=S1IQOwYJYK63VexOg6i&&update_back2search_link_param=yes&page=2)
  
- Premiu pentru lucrarea „Leveling Quality Prediction Algorithm” prezentată la Conferința Internațională Innovative Manufacturing Engineering – IManE 2015, Universitatea „Gheorghe Asachi” din Iași
- Clasarea în TOP25 (topul celor mai bune articole științifice din lume publicate în jurnale ISI) în 3 trimestre pe locul 1, 9 respectiv 19 a articolului: *Towards an accurate description of the anisotropic behaviour of sheet metals under large plastic deformations. Modelling, numerical analysis and identification*, *International Journal of Plasticity*, Volume 22, Issue 12, December 2006, Pages 2226-2271, Elsevier Science, ISSN: 0749-6419.
- Premiul II pe țară în competiția CNCSIS „PREMII CERCEȚĂTORI 2007” pentru contribuțiile aduse prin activitatea de cercetare din cadrul contractului CEEX-M1-C1 nr. 22/2006.
  
- Referent al cărții cu titlul: „Process control for sheet metal stamping”, 120 pg, autori Yongseob Lim, Ravinder Venugopal și Galip Ulsoy, Editura Springer, 2012
- Recenzie lucrare Aurelia Chioibas – Studiul și tehnologia materialelor, Editura Institutului de Marina Constanța, 2011.
- Recenzie lucrare Susac F., Tabacaru V., Programarea sistemelor integrate de producție.
  
- Recenzent pentru 11 lucrări propuse la conferințe internaționale (NUMIFORM2019, NUMIFORM2016, ROTRIB2016, IManE2015, SPIN2015, ICAMat 2014, NEWTECH 2009, 12th INTERNATIONAL SYMPOSIUM of EXPERIMENTAL STRESS ANALYSIS and TESTING OF MATERIALS 2008)
- Recenzent al revistelor internaționale (BDI): The Official Publication of Science Publishing Group, Annals of “Dunărea de Jos” University of Galați, Fascicle V, Technologies in Machine Building, ISSN 1221- 4566, Journal of Applied Physical Science International

Permis(e) de conducere Categoria B

## Informații suplimentare

**Anexe** Activitatea de cercetare din ultimii 5 ani  
Recunoașterea și impactul activității de cercetare din ultimii 5 ani

### **Activitatea de cercetare 2016-2020**

#### **Articole în jurnale/proceedings ISI sau jurnale indexate în baze de date**

##### **Reviste și Proceedings ISI**

1. C. Maier, V. Paunoiu, V. Marinescu, Al. Epureanu - *Method for Deep Drawing Process Control Using Segmented-Multiple Active Drawbeads*, MATEC Web Conf., **Volume 80**, 14004 (2016), NUMIFORM **2016**: The 12<sup>th</sup> International Conference on Numerical Methods in Industrial Forming Processes, DOI: <http://dx.doi.org/10.1051/mateconf/20168014004>, [http://www.matec-conferences.org/articles/mateconf/pdf/2016/43/mateconf\\_numi2016\\_14004.pdf](http://www.matec-conferences.org/articles/mateconf/pdf/2016/43/mateconf_numi2016_14004.pdf)
2. V. Paunoiu, C. Maier, I. Iacob, V. Marinescu – *Numerical analysis of hydroforming process control using variable blankholder force*, NewTech **2020** Int. Conf 2020 (in press) (autor correspondent = autor principal)
3. V. Marinescu, F. Teodor, C. Maier, A. Epureanu, V. Paunoiu – *Choosing the optimal order within reconfigurable manufacturing systems based on the Earning Power value*, NewTech **2020** Int. Conf 2020 (in press) (autor correspondent = autor principal)

##### **Reviste indexate BDI: CSA, SCOPUS, .....**

1. Viorel Paunoiu, Catalina Maier, Virgil Teodor, Nicusor Baroiu, Vasile Marinescu, *New Sheet Hydroforming Technologies for Small Batch Production*, Published by NUMIFORM 2019: The 13<sup>th</sup> International Conference on Numerical Methods in Industrial Forming Processes,

- Production work by The Minerals, Metals & Materials Society (TMS), ISBN 978-0-87339-769-8 and 0-87339-769-X, USA 2019, [https://www.tms.org/portal/downloads/meetings/2019/numiform2019/Numiform2019\\_Final\\_Program.pdf](https://www.tms.org/portal/downloads/meetings/2019/numiform2019/Numiform2019_Final_Program.pdf)
2. Paunoiu V., Teodor V., Baroiu N., Maier C., A contribution to multi-channel sheet hydroforming, *Procedia Manufacturing*, 29/2019, 248-255, ISSN 2351-9789, <https://reader.elsevier.com/reader/sd/pii/S2351978919301660?token=85C5A90F9D6C3494876494AC384D561075369D0E697EEC092984FFD0EDD9104C2B4139AEFF1DCB7D4B5D0444DCFB2045>
  3. Brabie G., Grigoras C., Rizea AD., Carausu C., Chicea Al., Maier C., Review of the present technological advance in the field of water jet cutting, *Proceedings in Manufacturing Systems*, 13(4)/2018, 165, ISSN 2343-9238, [http://www.icmas.eu/Journal\\_archive\\_files/Vol\\_13-Issue4-2018\\_PDF/165-170\\_BRABIE\\_Grigoras.pdf](http://www.icmas.eu/Journal_archive_files/Vol_13-Issue4-2018_PDF/165-170_BRABIE_Grigoras.pdf)
  4. Brabie G., Grigoras C., Carausu C., Chicea Al, Maier C., Review of recent stretch forming development, *Proceedings in Manufacturing Systems*, 13(4)/2018, 147-152, ISSN 2343-9238, [http://www.icmas.eu/Journal\\_archive\\_files/Vol\\_13-Issue3\\_2018\\_PDF/147-152\\_BRABIE\\_Lupu.pdf](http://www.icmas.eu/Journal_archive_files/Vol_13-Issue3_2018_PDF/147-152_BRABIE_Lupu.pdf)
  5. Breaz RE., Tera M., Ciobotariu VA., Cohal V., Maier C., Plaiasu G., Single point incremental forming comparison between technological equipment by an overall processing time point of view, *Proceedings in Manufacturing Systems*, 13(4)/2018, 121-126, ISSN 2343-9238, [http://www.icmas.eu/Journal\\_archive\\_files/Vol\\_13-Issue3\\_2018\\_PDF/121-126\\_Breaz.pdf](http://www.icmas.eu/Journal_archive_files/Vol_13-Issue3_2018_PDF/121-126_Breaz.pdf)
  6. V Paunoiu, V. Teodor, N. Baroiu, C. Maier, Considerations regarding multi-channel sheet hydroforming, *Proc. of the Fifth Intl. Conf. Advances in Civil, Structural and Mechanical Engineering - CSM 2017*, Institute of Research Engineers and Doctors, USA, ISBN: 978-1-63248-132-0 doi: 10.15224/978-1-63248-132-0-49, pp. 86-89 <https://www.seekdl.org/conferences-details.py/279.py?page=2>
  7. J. Verhamme, H.D. Miakakorila, H. Demouveau, C. Maier – Study of mechanical behaviour for DC05 steel using tensile test, *The Annals of „Dunarea de Jos” University of Galati, Fasc. V, Technologies in Machine Building*, ISSN 1221-4566, 2017, <http://www.cmrs.ugal.ro/TMB/2017.htm>
  8. C. Maier, J. Verhamme, H. Demouveau, V. Paunoiu, V. Marinescu - Numerical investigation of springback effect in draw-bending tests, *The Annals of „Dunarea de Jos” University of Galati, Fasc. V, Technologies in Machine Building*, ISSN 1221-4566, 2017, <http://www.cmrs.ugal.ro/TMB/2017.htm>
  9. V. Paunoiu, F. Pereira, C. Maier, V. Teodor – Experimental Analysis of Hydroforming for Automotive Applications, *The Annals of „Dunarea de Jos” University of Galati, Fasc. V, Technologies in Machine Building*, ISSN 1221-4566, 2017, <http://www.cmrs.ugal.ro/TMB/2017.htm>
  10. F. Teodor, V. Marinescu, C. Maier, V. Paunoiu – Applying Relational DataBase to Simulate the Reconfigurable Manufacturing System, *The Annals of „Dunarea de Jos” University of Galati, Fasc. V, Technologies in Machine Building*, ISSN 1221-4566, 2017, <http://www.cmrs.ugal.ro/TMB/2017.htm>
  11. Gavan E., Paunoiu V, Tabacaru V., Maier, C., *The Annals of Dunarea de Jos University of Galati, Fasc. V, Technologies in Machine Building*, ISSN 1221-4566, 2017, <http://www.cmrs.ugal.ro/TMB/2017.htm>
  12. C.Maier, V. Paunoiu, Al. Epureanu, Deep drawing process control using active drawbeads, *Processing of 10<sup>th</sup> Forming Technology Forum 2017 “Model Based Control for Smart Forming Processes”*, 12-13 oct. 2017, Enschede, The Netherlands, pg. 75-80, <https://www.utwente.nl/en/ftf2017/Program/program.pdf>
  13. Viorel Paunoiu, Mitică Afteni, Mihaela Banu & Cătălina Maier, Researches Regarding the Micro Deep Drawing Process, *ModTech International Conference Modern Technologies in Industrial Engineering*, June 14-17, Sibiu, Romania, 2017, <https://iopscience.iop.org/article/10.1088/1757-899X/227/1/011001>
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- **Experienta de management, analiză și evaluare în cercetare**
  - **Evaluare proiecte de cercetare**
    1. Evaluare 3 propuneri de proiecte de tip PED in calitate de evaluator (1 proiect) si raportor (2 proiecte) cu participare la discutii in panel si intocmire raport de consens, <https://www.uefiscdi-direct.ro/>
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    1. Comisia de indrumare elaborare teza de doctorat : DURDUC-RADU Costel, AFTENI Cezarina
- **Premii**
  1. Premiarea rezultatelor cercetarii – brevete, Competitia 2017 Program 1 - Subprogram 1.1 - Resurse Umane, PRECBVT-2017-012, Echipament reconfigurabil de ambutisare, OSIM
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    2. Society of Automotive Engineering of Japan – membru din 2006
  - **nationale**
    1. ARTN – filiala Galati – membru fondator
    2. AUIF - Asociatiei Universitare de Ingineria Fabricatiei
    3. ARTENS – Asociatia Romana de Tensometrie