



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **CIORTAN Sorin**
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E-mail sorin.ciortan@ugal.ro
Nationality romanian
Date of birth 10.03.1959
Gender M

Desired employment / Occupational field

Work experience

Dates	2002 untill now
Occupation or position held	Associate Professor, PhD, eng.
Main activities and responsibilities	Courses and seminars on: 1. Mechanical Engineering, 2. C.A.D., 3. Applied Informatics
Name and address of employer	"Dun rea de Jos" University of Galati
Type of business or sector	Didactic and scientific research
Dates	1997 - 2002
Occupation or position held	Lecturer eng.
Main activities and responsibilities	Courses and seminars on: 1. Mechanical Engineering, 2. C.A.D., 3. Applied Informatics
Name and address of employer	"Dun rea de Jos" University of Galati
Type of business or sector	Didactic and scientific research
Dates	1990 - 1997
Occupation or position held	Assistant eng.
Main activities and responsibilities	Seminars on: 1. Mechanical Engineering, 2. C.A.D., 3. Applied Informatics
Name and address of employer	"Dun rea de Jos" University of Galati
Type of business or sector	Didactic and scientific research
Dates	1989 - 1990
Occupation or position held	Researcher eng.
Main activities and responsibilities	Scientific research in Mechanical Engineering field
Name and address of employer	"Dun rea de Jos" University of Galati
Type of business or sector	Scientific research
Dates	1984 - 1989
Occupation or position held	Mechanical Design eng.
Main activities and responsibilities	Computer assisted design of mechanical equipment
Name and address of employer	SC SIDEX S.A.

Type of business or sector Computer aided design

Education and training

Dates **2001 - 2003**

Title of qualification awarded Master of Science Degree in Applied Informatics

Name and type of organisation providing education and training "Dun rea de Jos" University of Galati

Dates **1994 - 2000**

Title of qualification awarded PhD Degree in Mechanical Engineering

Name and type of organisation providing education and training "Dun rea de Jos" University of Galati

Dates **1979 - 1984**

Title of qualification awarded Bachelor Degree in Mechanical Engineering

Name and type of organisation providing education and training "Dun rea de Jos" University of Galati

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English, French**

Self-assessment

European level ()*

Language English

Language French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	average	C2	advanced	B2	average	B2	average	B2	average
B2	average	B2	average	A1	basic	A1	basic	A1	basic

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Professional communication (speaking and writing), team working, crisis management

Organisational skills and competences Academic management: Vice-Dean, Department Manager

Technical skills and competences Mechanical Engineering, Computer Aided Design, Experimental Researching Methods, Mechanical Testing and Diagnosis

Computer skills and competences Advanced computer use, Neural Network simulation, Data acquisition

Driving licence B since 1980, A since 1982

Annexes Scientific Papers Lsit

SCIENTIFIC PAPERS LIST

PhD Thesis

S. Ciortan, 2000, *Cercet ri asupra comport rii garniturilor din materiale polimerice folosite la etan rile cu contact*, Universitatea Dun rea de Jos¹, Gala i.

BOOKS

I. Didactic

1. tef nescu, L. Tomescu, **S. Ciortan**, 1997, *Materiale folosite In construc ia de ma ini. Caracterizare, Simbolizare, Domenii de utilizare*. Editura Universit ii din Gala i.
2. C. F Iticeanu, **S. Ciortan**, L. F Iticeanu, M. Manea, I. Mircea, 2002, *Etan ri cu contact mobil. Ghid pentru proiectarea etan rilor cu presgarnitur*. Editura Evrika, Br ila, ISBN 973-641-011-0.
3. **S. Ciortan**, 2002, *CAD Avansat*. Editura Evrika, Br ila, ISBN 973-8052-94-7
4. **S. Ciortan**, O. Bologa, 2003, *MATHCAD – Proiectare interactiv . Prelucrarea datelor experimentale ob inute In laborator. Partea I – Manual de utilizare*. Editura Evrika, Br ila, ISBN 973-641-041-2.
5. O. Bologa, **S. Ciortan**, 2003, *MATHCAD – Proiectare interactiv . Prelucrarea datelor experimentale ob inute In laborator. Partea II – Experimente de laborator cu montaje MathConnex*. Editura Evrika, Br ila, ISBN 973-641-041-2.
6. F Iticeanu, **S. Ciortan**, O. Bologa, L. F Iticeanu, M. Manea, 2003, *Abord ri moderne ale cercet rii etan rilor f r contact*. Editura Evrika, Br ila.

II. Mechanical engineering

1. L. Palaghian, **S. Ciortan**, M. Râp , 2000, *Aspects regarding the structural modifications in wear and fatigue*. Kluwer Academic Publishers.

SCIENTIFIC ARTICLES

1. ISI indexed:

1. L. Palaghian, **S. Ciortan**, 1998, *Aspects of damages' evolution in the superficial layers in wear process*. International Wear,.
2. M. Râp , C. Spânu, **S. Ciortan**, 2009, *Characterisation of Hydraulic Oils by Shear Stability and Extreme Pressure Tests*, Journal of The Balkan Tribological Association, Vol. 15, Iss. 1, pp. 93-102

2. BDI indexed:

1. V. Palade, **S. Ciortan**, M. Hapenciu, 1998, *Stand pentru Incercarea In conditii de solicitare gradual a materialelor folosite la construirea lag relor de laminor*. Analele Universit ii din Gala i, Vol.3, pp.124-127.
2. V. Palade, **S. Ciortan**, M. Hapenciu, 2000, *Some results about sliding speed influence on the polypropilene bearings*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pp.70-72, ISSN 1220-0824.
3. V. Palade, **S. Ciortan**, M. Hapenciu, 2001, *The influence of lubrication environment and of sliding speed on high densified wood used as bearing*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.16-18, ISSN 1220-0824.
4. L. Palaghian, **S. Ciortan**, I. Birsan, 2001, *About fatigue and wear damage in corrosive environment*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.3-7, ISSN 1220-0824.
5. **S. Ciortan**, I. Birsan, 2002, *Advanced method for stuffing box packings functioning*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.16-19, ISSN 1220-0824.
6. L. Palaghian, **S. Ciortan**, M. Buc , 2003, *Fatigue reliability of spur gear used in machine tools*. Romanian Journal of Mechanical Transmission.
7. L. Palaghian, **S. Ciortan**, 2004, *The preliminary study about the state of superficial layer by environmentally assisted cracking and predicting possibilities*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.16-19, ISSN 1220-0824.
8. C. F Iticeanu, **S. Ciortan**, O. Bologa, L. F Iticeanu, M. Manea, 2004, *Cercet ri teoretice i experimentale asupra etan rilor f r contact*. Revista TCMV.
9. L. Palaghian, M. Buc , **S. Ciortan**, 2005, *Pitting corrosion source of initial fatigue crack*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.16-19, ISSN 1220-0824.
10. S. B iceanu, L.Palaghian, **S. Ciortan**, M. Thompson, 2008, *Electrochemical and mechanical changes on fatigue corrosion damaged surfaces*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.161-167, ISSN 1221-4590.
11. C. Spânu, M Râp , **S. Ciortan**, 2008, *Study of wear evolution for a hydraulic oil using a four ball tester*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.169-189, ISSN 1221-4590.
12. **S. Ciortan**, M Râp , S. Chiculi , 2008, *Influence of shear stability as oil's performance indicator*. Analele Universit ii din Gala i, Fascicle VII, Tribology, pag.175-178, ISSN 1221-4590.
13. L. Deleanu, **S. Ciortan**, L. Maftei, A. Petric , A. Cantaragiu, G. Podaru, 2009, *Interdisciplinary approach of tribological test program for*

3. International Scientific Conferences

1. L. Palaghian, I. Bârsan, **S. Ciortan**, L. Tomescu, 1995, *Some results concerning the influence of corrosive environment in the fatigue of steel grade for shipbuilding*. M-203 Report, Ship Laboratories, Helsinki University of Technology, pp.9-12.
2. L. Palaghian, I. Bârsan, L. Tomescu, **S. Ciortan**, 1998, *Influence of welding technology on fatigue strength in corrosive environment*. Proceedings of International Symposium on Pipeline Welding PIPELINE WELDING'98, Istanbul, Turkey, pp152-158
3. L. Palaghian, **S. Ciortan**, 1998, *Some researches about dynamics of structural changes in fatigue crack tip*. Proceedings of 15-th Symposium "Danubia-Adria", On experimental methods in Solid Mechanics, Bertino-Forty, Italy, pp.201-202.
4. L. Palaghian, **S. Ciortan**, 1998, *On the behavior of the superficial layer in corrosion fatigue and wear condition*. Proceedings of Symposium on Computational and Experimental Methods in Mechanical and Thermal Engineering, Belgium, pp.150-155.
5. L. Palaghian, **S. Ciortan**, 1998, *Aspects about the influence of the magnetic field on the behavior of low-alloyed steel in fatigue*. Proceedings of the Second-Pacific Asia Conference on Mechanical Engineering 2PACME, Manila, Philippines, September, pp.253-260.
6. L. Palaghian, **S. Ciortan**, 1999, *The influence of half-manufactured's obtaining technology on rolled steels' fatigue resistance*. Proceedings of the 2-nd ESAFORM Conference on Material Forming, Guimaraes, Portugal, pp.203-206.
7. L. Palaghian, I. Bârsan, **S. Ciortan**, 1999, *Some wear's tribochemical aspects*. Proceedings of the International Conference Problems of Non-conventional Bearing Systems NCBS'99, Technical University of Zielona Góra, Poland, pp.173-179.
8. L. Palaghian, **S. Ciortan**, V. Palade, M. Buc , 2000, *The influence of magnetic field on the resistance in corrosive environment*. Proceedings of EUROMAT 2000, vol.II, Tours, France.
9. L. Palaghian, **S. Ciortan**, 2000, *Aspects of rheological behavior of the polymer fibers knitted materials*. Proceedings of EPS 2000, Guimares, Portugal.
10. L. Palaghian, **S. Ciortan**, M. Buc a, 2001, *Fatigue strength of gear wheels used in machine tools construction*. Proceedings of 3-rd International Conference on Industrial Tools, ICIT Slovenia, pag. 273-275.
11. L. Palaghian, **S. Ciortan**, I. Birsan, 2001, *Aspects of fatigue and wear damage mechanism in corrosive environment and predicting possibilities*. Proceedings of Conference „Situation and perspective of research and development in chemical and mechanical industry”, Krusevac, Serbia.
12. V. Palade, **S. Ciortan**, C. F Iticeanu, 2001, *Comportarea tribologic a polipropilenei utilizate In constructia lag relor de alunecare*. Conferinta tiinific international TCMR, Chi in u, R.Moldova, pag. 387-391.
13. C. F Iticeanu, **S. Ciortan**, V. Palade, L. F Iticeanu, 2001, *Metode moderne de studiu a etan rilor mobile de contact cu garnituri moi*. Conferinta tiinific international TCMR, Chi in u, R.Moldova, pag. 323-327.
14. **S. Ciortan**, C. F Iticeanu, V. Palade, L. F Iticeanu, 2001, *Metodologie, baz material i unele rezultate ob inute prin analiza teoretico – experimental a function rii etan rilor cu contact mobil cu garnituri moi*. Conferinta tiinific international TCMR, Chi in u, R.Moldova, pag. 296-299.
15. **S. Ciortan**, L. F Iticeanu, V. Palade, 2001, *A comparative study on classic and modern designing methods of stuffing box packing for shafts*. Proceedings of 7-th Tribology Conference with international participation YUTRIB 2001, Belgrad, Serbia, pag. 4/57- 4/59.
16. C. F Iticeanu, **S. Ciortan**, L. F Iticeanu, 2001, *The influence of rheological behaviour of the seal materials on the design of stuffing box packings*. Proceedings of 7-th Tribology Conference with international participation YUTRIB 2001, Belgrad, Serbia, pag. 4/53- 4/55.
17. V. Palade, M. Hapenciuc, **S. Ciortan**, 2001, *The influence of sliding speed on tribological behaviour of some non-metallic materials used for sliding bearings*. Proceedings of 7-th Tribology Conference with international participation YUTRIB 2001, Belgrad, Serbia, pag. 4/68-4/75.
18. L. Palaghian, M. Buc , **S. Ciortan**, 2002, *About the gear wheels durability in the mechanics principles frame*. 2-nd Conference RaDMI 2002, Vrnjacka Banja, Yugoslavia, pag 334-342.
19. L. Palaghian, **S. Ciortan**, I. Birsan, 2002, *About wear damage mechanism in corrosive environment and predicting possibilities*. 4-th International Conference on Tribology, Balkantrib, Yugoslavia.
20. L. Tomescu, **S. Ciortan**, M. Rip , I. Birsan, N. Diaconu, 2002, *Influence of surface topography on the bonded joints*. AIMETA International Conference, Vetri sul Mare, Salerno, Italia, pag.66-69.
21. **S. Ciortan**, L. Palaghian, I. Birsan, V. Palade, 2002, *The influence of braid design on tribological behaviour of the gaskets*. AIMETA International Conference, Vetri sul Mare, Salerno, Italia, pag.72-76.
22. V. Palade, **S. Ciortan**, L. Tomescu, 2002, *Researches on the influence of some addition element son PTFE behaviour, used as bearing material*. AIMETA International Conference, Vetri sul Mare, Salerno, Italia, pag.78-83.
23. L. Palaghian, **S. Ciortan**, I. Birsan: *About damage and fatigue life of spur gear used in machine tools*. 3-rd International Conference Research and Development in Mechanical Industry RaDMI, Herceg Novi, Montenegro.
24. C. F Iticeanu, M. Manea, L. F Iticeanu, **S. Ciortan**, 2003, *Any theoretical and experimental analysis on tribological research of non-contact seals devices*. Proceedings of International Conference ICIT'03, Belgrad, Yugoslavia.
25. C. F Iticeanu, **S. Ciortan**, L. F Iticeanu, 2003, *Moderne researches regarding the soft material of stuffing box packings tribological behaviour*. Proceedings of International Conference ICIT'03, Belgrad, Yugoslavia.
26. **S. Ciortan**, C. F Iticeanu, 2003, *The stuffing box packing maintenance base don computer aided technic*. Proceedings of International Conference ICIT'03, Belgrad, Yugoslavia.
27. C. F Iticeanu, **S. Ciortan**, L. F Iticeanu, 2003, *Researches regarding the lubrication of the stuffing box packings*. Conferinta

- tiinific internaional TCMR, Chi in u, R.Moldova, vol. II.
28. C. F Iticeanu, **S. Ciortan**, O. Bologa, 2003, *Advanced methods of research the contact free moving sealing*. Conferin a tiinific internaional TCMR, Chi in u, R.Moldova, vol. II.
 29. **S. Ciortan**, O. Bologa, 2003, *Theoretical and experimental analogies on the efficiency and tribology of the stuffing box packings for shafts*. Conferin a tiinific internaional TCMR, Chi in u, R.Moldova, vol. II.
 30. L. Palaghian, S. M cu , **S. Ciortan**, 2003, *Fatigue behaviour of steel manufactured by rolling and casting method*. International Conference EUROMAT, Laussane, Elve ia.
 31. L. Palaghian, **S. Ciortan**, M. Buc , 2004, *Fatigue damage analysis of gear box using artificial neural networks – a preliminary study*. International Conference UNITECH04, Gabrovo, Bulgaria.
 32. L. Palaghian, **S. Ciortan**, 2004, *The fatigue behaviour of certains structural steels*. International Conference RaDMI, Zlatibor, Serbia and Montenegro.
 33. L. F Iticeanu, I.T. Chang, C. F Iticeanu, **S. Ciortan**, 2005, *New methods for assesing the frictional properties in a mass of consolidated powders*. International Conference BALKANTRIB'05, Kragujevat, Yugoslavia.
 34. C. F Iticeanu, M. Manea, **S. Ciortan**, L. F Iticeanu, 2005, *Any consideration upon tribology of contact-free moving seals for liquids*. International Conference BALKANTRIB'05, Kragujevat, Yugoslavia.
 35. L. Palaghian, **S. Ciortan**, 2005, *About the influence of noch stresses type weld deposit on the fatigue strength*. International Conference RaDMI, Vrnjacka Banja, Serbia and Montenegro.
 36. L. Palaghian, **S. Ciortan**, 2006, *About using neural networks for establishing the fatigue characteristics of steels*. International Conference RaDMI'06, Budva, Serbia and Montenegro.
 37. A.Senatore, **S. Ciortan**, 2007, *An application of atificial neural networks to piston ring friction losses prediction*. International Conference RaDMI'07, Belgrade, Serbia.
 38. L. Palaghian, S. B iceanu, **S. Ciortan**, 2008, *Experimental analyze regarding fatigue corrosion change* International Conference RaDMI'08, Uzice, Serbia and Montenegro.
 39. C.L F Iticeanu, G.M.Pa ilea, **S. Ciortan**, 2008, *Some considerations upon the efficiency and tribology of the lip-ring gasket for rotary rods*. 3th Internatonal Conference o Manufacturing Engineering, ICMEN 2008, Kassandra, Chalkidiki, Greece.
 40. C.L.F Iticeanu, C.T. F Iticeanu, L.Maftei, **S. Ciortan**, 2008, *Some experimental results regarding the influence of flow-conditioners and packing of alluminium powders*. 3th Internatonal Conference o Manufacturing Engineering, ICMEN 2008, Kassandra, Chalkidiki, Greece.
 41. M.Râp , C. Spânu, **S. Ciortan**, 2008, *Shear Stability and four ball tests results correlation for some industrial oils*. 6th International Conference on Tribology, BALKANTRIB 2008, Sofia, Bulgaria.
 42. **S. Ciortan**, G. Podaru, I. Bîrsan, 2009, *Stuffing box analysis based on system dynamics approach*. 9th Intenational Conference RaDMI'09, Vrnjacka Banja, Serbia
 43. L. Deleanu, **S. Ciortan**, G. Andrei, L. Maftei, 2009, *Study on the profilometry of composites with PA matrix and micro glass spheres after dry sliding*. 11th International Conference on Tribology SERBIATRIB'09, Belgrade, Serbia
 44. C. Spânu, I. Bârsan, **S. Ciortan**, 2009, *Plastic deformation initiation in sliding identation case*. 11th International Conference on Tribology SERBIATRIB'09, Belgrade, Serbia
 45. **S. Ciortan**, G. Podaru, I. Bîrsan, C. Spanu, 2010, *Artificial neural networks based wear prediction for pneumatic drives seals*. 10th Biennial Conference on Engineering Systems Design and Analysis, Istanbul, Turcia
 46. G. Podaru, **S. Ciortan**, I. Bîrsan, L. Deleanu, 2010, *Pneumatic drives' seals efficiency monitoring by hermography based methods*. 10th Biennial Conference on Engineering Systems Design and Analysis, Istanbul, Turcia
 47. L. Deleanu, **S. Ciortan**, 2010, *On flammability of industrial fluids on hot surfaces*. 17th International Colquium Tribology, Tribology – Solving Friction and Wea Problems, Esslinge, Germany
 48. G. Podaru, **S. Ciortan**, I. Bîrsan, 2010, *Thermal aspects of rubber lip seal – polymer rod couple in dry sliding conditions*. 10th International Conference RaDMI 2010, Donji Milanovac, Serbia
 49. S. Chiculita, C. Spanu, **S. Ciortan**, 2010, *Surface quality modifications under sliding indentation test*. 10th International Conference RaDMI 2010, Donji Milanovac, Serbia
 50. C. Spanu, **S. Ciortan**, I. Bîrsan, V. Mereuta, 2010, *Method for optimizing machine part design based on artificial neural network*. 10th International Conference RaDMI 2010, Donji Milanovac, Serbia
 51. L. Deleanu, A. Cantaragiu, **S. Ciortan**, 2010, *Surface quality evaluated by 3D functional parameters*. 10th International Conference RaDMI 2010, Donji Milanovac, Serbia

4. National Scientific Conferences

1. I. tef nescu, **S. Ciortan**, V. CâmpEAN, F. Grigorescu, C. Klein, S. Strat, 1996, *Some experimental results concerning the ceramics elements durability in case of rolling contact*. Proceedings of the VII-th International Tribology Conference ROTRIB'96, Bucharest, România, September pp.152-157.
2. L. Palaghian, **S. Ciortan**, 1999, *Possibility of evaluation and prediction the damages of superficial layer into sliding contact and fatigue environment*. Proceedings of 3-rd International Conference of Tribology BALKANTRIB'99, Sinaia, România, pp.128-130, ISSN 1221-9371
3. I. Stef nescu, **S. Ciortan**, 1999, *Evaluating alumina's capacity for using in hertzian rolling contacts*. Proceedings of 3-rd International Conference of Tribology BALKANTRIB'99, Sinaia, România, pp.87-93, ISSN 1221-9371.
4. **S. Ciortan**, A. Ruggiero, A. Senatore, V. Palade, 2007, *A study on the prediction of stability behavior for flexible rotor in journal bearings*. 1st International Conference DIPRE'09, Gala i, Romania.

5. A. Senatore, A. Ruggiero, V. Palade, **S. Ciortan**, 2007, *Neural networks based study of friction coefficient variation in sliding bearings*. 1st International Conference DIPRE'09, Gala i, Romania.
6. V. D'Agostino, A. Senatore, **S. Ciortan**, 2009, *Neural networks based behaviour prediction for dry clutch materials*. 2th International Conference DIPRE'09, Gala i, Romania.
7. G. Podaru, **S. Ciortan**, I. Bârsan, L. Deleanu, 2009, *Particularities of rubber lip seals used for pneumatic linear drives*. 2th International Conference DIPRE'09, Gala i, Romania.
8. L. Deleanu, **S. Ciortan**, L. Delea, 2009, *Rapeseed oil flammability on hot surface*. 2th International Conference DIPRE'09, Gala i, Romania.
9. G. Podaru, **S. Ciortan**, L. Deleanu, 2009, *Heat distribution in a polymeric rod under dry friction in reciprocating seals*. 2th International Conference DIPRE'09, Gala i, Romania.
10. G. Podaru, **S. Ciortan**, 2010, *Optical methods based wear investigation of polymeric rods working in dry sliding*. 11th International Conference on Tribology, Rotrib'10, Iasi, Romania
11. E.A. Oniciuc, L. Gitin, **S. Ciortan**, N. Maftai, A. Nicolau, 2010, *Intense light pulses effect on fungal of mustard and black pepper*. 4th International Conference Biotechnologies, Present and Perspectives, Suceava, Romania
12. L. Deleanu, **S. Ciortan**, 2010, *Evaluating tribological damages by 3D profilometry*. International Conference VAREHD 15, Suceava, Romania

5. National Symposiums

1. D. Solea, D. Dragomir, L. Marton, **S. Ciortan**, 1990, *Locul programelor de procesare grafic In proiectarea tehnologiilor de formare-turnare*. Al IV-lea Simpozion Național "PRASIC'90", Universitatea din Brașov, România, pp.176-182.
2. L. Palaghian, **S. Ciortan**, 1991, *Unele rezultate referitoare la influența mediului coroziv asupra rezistenței la oboseală a oelurilor navale*. Sesiunea Științifică Jubiliară, Universitatea din Bacău, România, pp.234-238.
3. L. Palaghian, **S. Ciortan**, 1992, *Influența tehnologiei de obținere a semifabricatului asupra rezistenței la oboseală în mediu coroziv, pentru oelurile navale*. Sesiune Științifică, Institutul de Petrol și Gaze, Ploiești, România, pp.355-358.
4. L. Palaghian, **S. Ciortan**, A. Spiratos, 1992, *Unele rezultate experimentale privind comportarea unor oeluri navale supuse solicitărilor variabile, în diferite condiții de mediu*. Al VI-lea Simpozion Național de Tensometrie și Încercări de Materiale, Universitatea din Craiova, România, pp.440-443.
5. I. Ștefănescu, L. Tomescu, **S. Ciortan**, 1992, *Forme optimizate pentru roți din oțel*. Simpozionul Național de Mecanisme și Transmisii Mecanice, Universitatea Tehnică din Timișoara, pp.171-175.
6. I. Ștefănescu, **S. Ciortan**, L. Tomescu, 1992, *Unele considerații privind alegerea lubrifianților pentru transmisii cu roți din oțel*. Simpozionul Național de Mecanisme și Transmisii Mecanice, Universitatea Tehnică din Timișoara, pp.131-136.
7. L. Palaghian, **S. Ciortan**, 1993, *Unele rezultate referitoare la rezistența la oboseală a îmbinărilor lipite cu adezivi*. Al VII-lea Simpozion TEHNOMUS, Suceava, România, pp.157-160.
8. I. Ștefănescu, **S. Ciortan**, 1993, *Măsurarea grosimii filmului de lubrifianț prin metoda interferometriei optice, în cazul contactelor elastohidrodinamice*. Sesiune de Comunicări Științifice, Universitatea din Galați, România, pp.232-235.
9. L. Palaghian, **S. Ciortan**, 1993, *Unele rezultate referitoare la comportarea la oboseală pentru oelurile navale*. Sesiune de Comunicări Științifice, Universitatea din Galați, România, pp.238-240.
10. L. Palaghian, **S. Ciortan**, 1995, *Unele rezultate referitoare la evoluția fisurii de oboseală în cazul oelurilor de construcție*. Analele Universității din Oradea, România, vol.1, pp.185-188.
11. L. Palaghian, C. Gheorghieș, **S. Ciortan**, 1995, *Influența câmpului magnetic asupra evoluției fisurii de oboseală*. Al VIII-lea Simpozion TEHNOMUS, Suceava, România, pp.245-251.
12. L. Palaghian, **S. Ciortan**, I. Bârsan, 1995, *Unele rezultate referitoare la influența câmpului magnetic asupra comportării la oboseală în cazul oelurilor de construcție*. A XXVI-a Sesiune de Comunicări Științifice, Academia Tehnică Militară, București, România, vol.8, pp.155-160.
13. L. Palaghian, **S. Ciortan**, 1997, *Aspecte privind evoluția distrugerii prin oboseală*. A XXVII-a Sesiune de Comunicări Științifice, Academia Tehnică Militară, București, România, pp.233-241.
14. L. Tomescu, C. Taru, **S. Ciortan**, 2000, *Model teoretic pentru ungerea cu fluide apoase a cuzinelor elastice*. Conferința VAREHD, Suceava, pag. 41-50 ISBN 973-9408-64-4.
15. V. Palade, **S. Ciortan**, 2000, *Caracterizarea tribologică a unor materiale plastice stratificate folosite la cuzinele lagrelor de la slebing*. Sesiunea de comunicări științifice cu participare internațională „Realizări și perspective în metalurgia și tiina materialelor”, Galați.
16. L. Tomescu, **S. Ciortan**, M. Tomescu, M. Rip, 2002, *Model de evaluare ansamblurilor lipite*. Conferința PRASIC, Brașov.
17. **S. Ciortan**, L. Palaghian, V. Palade, 2006, *Analiza comportării reologice la materialele polimerice folosind rețele neuronale*. Primul Simpozion Național de Prelucrarea Maselor Plastice PMP2006, Galați.
18. V. Palade, **S. Ciortan**, M. Hapenciuc, 2006, *Comportarea tribologică a unor materiale plastice utilizate în construcția lagrelor de alunecare*. Primul Simpozion Național de Prelucrarea Maselor Plastice PMP2006, Galați.

RESEARCH PROJECTS

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