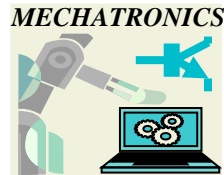




Politehnica University Timișoara
Mechanical Engineering Faculty
Mechatronics Department



HABILITATION THESIS

**Modeling, simulation and experimental research
on technical and biological systems**

Argeșanu Veronica

List of publications

2016



University Politehnica Timișoara

Mechanical Engineering Faculty



Department of Mechatronics

LISTA DE PUBLICAȚII ȘTIINȚIFICE

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VI. Lista contractelor in calitate de director sau responsabil partener grant national

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198/16/07/1997 RoSeal Odorheiu Secuiesc
2. Consulting privind aplicarea principiilor ergonomice in proiectare 603/2007 2007 Novar
Electronic/Honeywell
3. Organizarea concursului studentesc -Descopera Contitech- BC 34/24.03.2015 2015
Contitech Timisoara

VIII. Membru in echipa de grant international

1. Digital Mechanism and Gear Library goes Europeana ThinkMOTION FP-7 CIP-ICT-
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IX. Membru in echipa de grant national

1. Dezvoltarea și implementarea unor sisteme performante de investigare și recuperare a
deformațiilor de coloană vertebrală la populația de vârstă școlară și categorii profesionale
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optimizarea aplicatiilor microscopice dentare. CNMP UMFVBT SRED
9. CEEEX 116/04.08.2006 cu Academia de stiinte medicale Bucuresti ETAPA I,II/2006
Studii privind realizarea de echipamente dentare modulare bazate pe sisteme
meatronice;solutii ergonomice pentru dubla preventie a afectiunilor CEEEX SRED
10. Metode si mijloace pentru incercarea transmisiilor mecanice si a componentelor
acestora. Etapa: „Implementarea rezultatelor cercetarii in unitati de invatamant si
unitati economice cu profil industrial”

X. Membru in echipa de grant cu parteneri economici

1. Studiul tehnic, proiectarea, executia pentru sistemul automat de manipulare plachete
si casete cu plachete de siciliu, comparabil cu camera curata 193/6.09.1989
98/31.03.1989
2. Studii, cercetari si proiectarea manipuloarelor MS-1000 26/10.02.1988

3. Studii, cercetari proiectari pentru realizarea manipulatorului sincron MS-200 si MS 500, aplicatia robotizata si robot portal modularizat 117/27.04.1987
4. Studii, cercetari proiectari pentru robotizarea si automatizarea unor tehnologii de vopsire si sudare 92/31.03.1987
5. Cercetarea teoretica si experimentală a tipodimensiunilor de curele late dintate din poliuretan cu diferite insertii 95/31.03.1986
6. Dispozitiv de filetare in vartej 1158/3.12.1985
7. Studii, cercetare, proiectare, experiment si asistenta tehnica pentru punerea in functie a unei instalatii de sudare cu roboti industriali in procesul tehnologic flexibil a sasiurilor de vagoane 170/18.06.1985
8. Studii, cercetare, experimentarii si asistenta tehnica privind implementarea de celule robotizate si roboti industriali 150/20.06.1983
9. Studii, cercetari si proiectari privind realizarea sistemului de roboti industriali 192/1982
10. Breviar de calcul al reductorului inversor naval "RHS500" 143/1982
11. Breviar de calcul al reductorului inversor naval "RN250" 141/1982
12. Studii, cercetari , proiectari, experimentari si asistenta tehnica privind realizarea unor familii de roboti industriali precum si a unor tehnologii de robotizare 224/1981
13. Studii cercetari si proiectari privind realizarea sistemului de roboti industriali 163/1980