

LISTA DE LUCRĂRI
Prof.dr.ing. Valentin SGÂRCIU

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1	Riccardo De Asmundis Editor - LabVIEW Modelling, Programming and Simulations, Chapter 4 Distance Process Monitoring using LabVIEW Environment, pg.67-88, Intech, 2011, ISBN: 978-953-307-521-1	https://www.intechopen.com/books/modeling-programming-and-simulations-using-labview-software/distance-process-monitoring-using-labview-environment
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4	A.C.Enache, V.Sgârciu - An Improved Bat Algorithm Driven by Support Vector Machines for Intrusion Detection, Chapter in International Joint Conference, Volume 369 of the series Advances in Intelligent Systems and Computing, pp 41-51, Date: 27 May 2015, Pages: pp 41-51, Copyright 2015, DOI: 10.1007/978-3-319-19713-5_4, Print ISBN: 978-3-319-19712-8, Online ISBN: 978-3-319-19713-5, Publisher: Springer International Publishing, indexed ISI.	http://doctorat.acs.pub.ro/wp-content/uploads/2017/01/Activitate-stiintifica-VS.pdf
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2 Dispozitiv pentru măsurarea nivelului în bazinele micro-centralelor hidroelectrice, beneficiar Întreprinderea Electrocentrale Râmnicu-Vâlcea, 1980.

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		Link
1	Knowledge and Know How Transfer for Continuous Improvement Quality of Learning Environments, contract de mobilități Leonardo da Vinci nr.RO/2003/PL91007/Ex.	-
2	Trasabilitatea și identificarea produselor folosind tehnologii bazate pe tag-uri RFID, contract de mobilități Leonardo daVinci nr.RO/2004/PL93026/S.	-
3	Analiza fiabilitatii si prevenirea riscurilor in sistemele de securitate, contract de mobilități Leonardo da Vinci nr.RO/2005/PL95055/MTD.	-
4	Tehnici moderne de identificare automată, contract de mobilități Leonardo daVinci nr. RO/2006/PL97046/S.	-

Granturi / proiecte nationale castigate prin competitie - Membru in echipa

		Link
1	Proiectarea și realizarea unui aparat pentru măsurarea numerică a defazajului (φ -metru numeric), beneficiar ICEMENERG București, 1973.	-
2	Aparatură specializată pentru determinarea caracteristicilor proceselor automatizate, beneficiar ICEMENERG București, 1974.	-
3	Cercetări experimentale în sistemul electroenergetic românesc pentru determinarea caracteristicilor și parametrilor funcționali, beneficiar ICEMENERG București, 1974.	-
4	Proiectarea și construcția unui variator automat a intensității luminoase, beneficiar Ministerul Agriculturii, 1975.	-
5	Instalație de climatizare pentru ferme avicole, beneficiar Ministerul Agriculturii, 1976.	-
6	Studiu privind traductoarele de temperatură, presiune și	-

- viteza vântului, beneficiar I.C.P.M. București, 1976.
- 7 Regulator electrohidraulic modernizat pentru grupurile hidroenergetice, beneficiar I.P.A.T.C.T., 1976. -
- 8 Elaborarea și realizarea de elemente și echipamente de automatizare specifice sistemelor de irigații, beneficiar Ministerul Agriculturii, 1978. -
- 9 Sistem specializat de conducere cu microprocesor, beneficiar I.P.A.T.C.T., 1978. -
- 10 Sistem automat de măsurare a presiunii arteriale, beneficiar Academia de Științe Medicale, 1978. -
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- 13 Analizor statistic, beneficiar I.A.U.C. București, 1980. -
- 14 Sistem automat de sortare a rulmenților, beneficiar Întreprinderea de Rulmenți Bîrlad, 1982. -
- 15 Echipament de supraveghere a procesului de sudură, beneficiar I.M.G.B., 1983. -
- 16 Sistem de supraveghere cu microcalculator a nivelului într-un parc de rezervoare, beneficiar Combinatul Petrochimic Brazi, 1983. -
- 17 Centralizator de avarii cu tipărire pe imprimantă, beneficiar Combinatul Petrochimic Brazi, 1983. -
- 18 Studiu tehnic și echipament de conducere cu calculator a surselor de sudură tip IUW, beneficiar Întreprinderea Electro-tehnica București, 1985. -
- 19 Sistem de conducere pentru minirobotul RIP 0,2, beneficiar Întreprinderea Automatică București, 1986. -
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- 21 Rețea de achiziție de date direct de la traductoare, beneficiar I.P.A. București, 1988. -
- 22 Studiu tehnic privind supravegherea și conducerea surselor de sudură, beneficiar Întreprinderea Vulcan București, 1989. -
- 23 Sisteme integrate pentru achiziție, prelucrare și distribuție de date de proces, beneficiar M.I.S., 1991. -
- 24 Elaborarea unor soluții moderne (aparatură, echipamente, arhitecturi, servicii asigurate) în cadrul conceptului de "Clădiri inteligente", beneficiar S.I.S., 1992. -
- 25 Familie de traductoare inteligente cu matrice de senzori, beneficiar M.C.T., 1993. -
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