

LISTA DE LUCRĂRI

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8. Proiecte/Granturi/Contracte de cercetare

H1. Director de contract , nr. 9/23.07.2012, Universitatea din Petroșani, <i>Sistem de comandă automată a instalației Energiewandler</i> , echipată cu PLC-ul FX3U-16MR/ES, partea software, contract de cercetare cu agenți economici din Austria, beneficiar Kleedofor Friedrich din Austria.
H2. Director de contract , nr. 14/14.11.2012, Universitatea din Petroșani, <i>Construcția panoului de comandă automată a instalației Energiewandler-2 și a ansamblului turbină – generator electric</i> , contract de cercetare cu agenți economici din Austria, beneficiar Kleedofor Friedrich din Austria.

H3. Director de contract , nr. 1/14.01.2013, Universitatea din Petroșani, <i>Implementarea și utilizarea unor noi strategii de marketing – mentenanță software și hardware</i> , contract de cercetare cu agenți economici din Austria, beneficiar Vlena Marketing Vision&Innovations E.U din Viena, Austria.
H4. Director de contract , nr. 21/08.11.2013, Universitatea din Petroșani, <i>Dezvoltarea software-ului pentru controlul și monitorizarea proceselor din cadrul instalației Energiewandler – 2</i> , contract de cercetare cu agenți economici din Olanda, beneficiar Delta T. Plan Ned din Olanda.
H5. Director contract , nr. Contract: 4280/31.05.2023, cod proiect CIFIC 3, <i>Structuri noi de sisteme de control vectorial cu dublă orientare a motoarelor de inducție cu rotorul în scurtcircuit, performante energetic, pentru automobile pur electrice</i> , acronimul proiectului 2FOC-RFSO, beneficiar Universitatea din Petroșani.
H6. Director proiect de cercetare , nr. proiect: 09/26.11.2024, Universitatea din Petroșani, Beneficiar ERMAFA Environmental Technologies GmbH, Viena, Austria, titlul proiectului: <i>Analysis and control of the main processes from the "REDREC" component</i> , Acronym: REDREC – UPET, durata 1 an.
H7. Director proiect de cercetare , nr. proiect: 10/26.11.2024, Universitatea din Petroșani, Beneficiar ERMAFA Environmental Technologies GmbH, Viena, Austria, titlul proiectului: <i>Analysis and control of processes from the "PLASMASUN" component</i> , Acronym: PLASMA SUN - UPET, durata 2 ani.
H8. Responsabil temă (<i>Studiul stabilității sistemelor de reglare vectorială cu motoare de inducție de putere medie – Universitatea din Petroșani</i>) în contractul de finanțare național, de tip A, cod CNCIS 993, nr. 2930/2006 – 2007; Universitatea Tehnică din Cluj – Napoca, director contract prof. dr. ing. Teodor Pană, titlul contractului: <i>Studiul stabilității sistemelor de acționare electrică vectoriale, inteligente, performante energetic, cu motoare de inducție, pentru automobile electrice</i> .
H9. Membru în cadrul grantului național, cod CNCIS 74, nr. 1067 / 2002, Universitatea din Petroșani, director contract prof. dr. ing. Pop Emil, titlul grantului: <i>Invertor orientat software pentru conducerea inteligentă a acționărilor electrice cu motor de inducție</i> .
H10. Membru (responsabil partea software) în contractul nr. 6/2005, Universitatea din Petroșani, <i>Sistem de comanda vectorială cu DSP pentru sisteme de acționare cu motoare de inducție din gama 10-500 kW, parte de software</i> , contract de cercetare cu agenți economici din România, beneficiar S.C. IndaEltrac S.A, Craiova.
H11. Membru în contractul de cercetare nr. 8/15.05.2012, Universitatea din Petroșani, <i>Fundamentarea teoretică și simularea proceselor termofluidodinamice privind instalația Energiewandler</i> , contract de cercetare cu agenți economici din Austria, beneficiar Kleedofor Friedrich, Austria.
H12. Membru (coordonator domeniu de cercetare în perioada 1.06.2020 – 30.11.2020) în cadrul proiectului CNFIS-FDI-2020-0199, director contract prof. dr. ing. Leba Monica, titlul: <i>Promovarea excelenței în cercetarea fundamentală și aplicativă – prioritate strategică în cadrul Universității din Petroșani</i> .
H13. Membru în contractul nr.10/20.07.2012, Universitatea din Petroșani, <i>Elaborare audit energetic pentru un contur definit la E.M. Lonea</i> , responsabil: Petrilean Dan Codrut, beneficiar E.M. Lonea.
H14. Membru în contractul nr. CD3409/12.04.2012, Universitatea din Petroșani, <i>Măsurători paralele prin metode de referință a sistemelor de măsurare on-line la emisiile poluante de la S.C. Electrocentrale Deva S.A. pentru anul 2012</i> , beneficiar S.C. Electrocentrale Deva S.A.
H15. Membru (expert elaborare material didactic) în proiectul POCU 122596, <i>Educația, o șansă pentru Valea Jiului!</i> , cod proiect 122596, încheiat între Universitatea din Petroșani și OI POCU MEN, durata 15.10.2018 – 15.04.2021.

Proiect de diplomă – Licență: Automatică și Informatică Industrială, 2001

Stoicuța Olimpiu - Costinel - *Realizarea unui automat programabil de patru biți în logică programabilă*, Proiect de diplomă 2001, Coordonator: Prof.univ.dr.ing. Pop Emil, Universitatea din Petroșani

Dizertație – Master: Tehnici de Conducere Automata a Proceselor, 2006

Stoicuța Olimpiu - Costinel - *Analiza și sinteza estimatorului Luenberger utilizat în cadrul unui sistem de acționare electric de tip vectorial cu motor de inducție*, dizertație 2006, Coordonator: Conf.univ.dr.ing. Mândrescu Corneliu, Universitatea din Petroșani.

Total: 9 cărți, 1 manual, 160 de articole științifice, 15 proiecte de cercetare.

10.12.2024

Conf. dr. ing. Stoicuța Olimpiu – Costinel

