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Profesor dr. ing. OPREA Mihaela

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(F) Proiecte de cercetare dezvoltare inovare pe bază de grant/contract

F.1. Proiecte de cercetare-dezvoltare-inovare obţinute prin competiţie pe bază de grant

F.1.1 Proiecte de cercetare-dezvoltare-inovare obţinute prin competiţie pe bază de grant, în calitate de director

F.1.1.1. Proiect european de cercetare: ROKIDAIR - *Towards a better protection of infants against air pollution threats in the urban areas of Romania*, contract de cercetare nr. 20SEE/30.06.2014, Beneficiar: MEN-ANCS, 2014-2017; Coordonator: Universitatea Valahia din Targoviste, Parteneri: NILU, Norvegia; UPG Ploiesti, Universitatea Politehnica din Bucuresti, responsabil UPG Ploiesti.

F.1.1.2. Proiect de cercetare postdoctorala: CEEX nr. 1533/2006, *Studiul aplicarii inteligentei artificiale in protectia mediului*, MEdC-UEFISCSU, 2006-2008, 3 cercetatori postdoctoranzi.

F.1.1.3. Proiect de cercetare CEEX (CNMP-INFOSOC) nr. 645/2006, *Strategii, sisteme, metode şi instrumente pentru managementul cunoaşterii în universităţi* (1.08.2006-30.06.2007), Coordonator: ASE Bucuresti, responsabil UPG Ploiesti.

F.1.1.4. Proiect european de cercetare FP6 - IST 002006, AgentLink III– *The European Coordination Action for Agent-Based Computing*, responsabil nod retea AgentLink pentru UPG Ploiesti, 2005;

F.1.1.5. Proiect european de cercetare FP5 - EVP3-2002-00506, *Multi-Pollutant Multi-Effect Assessment of Air Pollution Control Strategies - an integrated approach*, UE, Coordonator: University of Stuttgart, Germania; 2002-2004, responsabil UPG Ploiesti.

F.1.1.6. Grant de cercetare CNCSIS AT429/2003, *Sistem expert prototip pentru diagnoza poluării atmosferice*, 2003;
F.1.1.7. Grant de cercetare CNCSIS AT18/2002, *Dezvoltarea unui sistem bazat pe cunoştinţe pentru acordarea optima a buclelor de reglare*, 2002.
F.1.1.8. Proiect de cercetare INFOSOC nr. 58/8.08.2002, *Interfaţă inteligentă pentru recunoaşterea caracterelor scrise de mână*, 2002-2003.
F.1.1.9. Grant de cercetare CNCSIS AT221/2001, *Dezvoltarea unui sistem bazat pe cunoştinţe pentru acordarea optimă a buclelor de reglare*, 2001.

F.1.2 Proiecte de cercetare-dezvoltare-inovare obţinute prin competiţie pe bază de grant, în calitate de membru în colectiv

F.1.2.1. Proiect de cercetare PN-II, contract nr. 71-006/18.09.2007, *INTELCHIM - Modelare şi conducere automată utilizând instrumente ale inteligenţei artificiale pentru aplicaţii în chimie şi inginerie de proces*, CNMP, Coordonator: Universitatea Tehnică Gh. Asachi din Iaşi, 2010.
F.1.2.2. Proiect de cercetare PN II 143/2007, *Dezvoltarea unui laborator pentru aplicarea tehnologiilor CIM*, ANCS, 2007-2009.
F.1.2.3. Proiect de cercetare CEEX (CNMP-INFOSOC) nr. 645/2006, *Strategii, sisteme, metode şi instrumente pentru managementul cunoaşterii în universităţi* (1.07.2007-1.08.2008), Coordonator: ASE Bucuresti.
F.1.2.4. Grant CNFIS 39691/1999-2002, *Model de software integrat de tip multimedia pentru invatare interactiva generat la Universitatea Petrol-Gaze din Ploiesti*, 1999-2002;
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Septembrie 2025 Prof. dr. ing. Oprea Mihaela