

# Profesor Dr. Ing. Mariana Mocanu

## Lista publicațiilor științifice (2000-2016)

### ◆ Monografii, Capitle de carte (edituri internaționale)

- Negru Catalin, Pop Florin, Mocanu Mariana, Cristea Valentin, A Unified Approach to Data Modeling and Management in Big Data Era. In Data Science and Big Data Computing, Springer International Publishing, p. 95 - 116, 10.1007/978-3-319-31861-5\_5, Print ISBN 978-3-319-31859-2, Online ISBN 978-3-319-31861-5, WOS: 000381890400004
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- Catalin Negru, Mariana Mocanu, Valentin Cristea: Impact of Virtual Machines Heterogeneity on Data Center Power Consumption in Data-Intensive Applications / Adaptive Resource Management and Scheduling for Cloud Computing, ISBN: 978-3-319-28448-4, Springer International Publishing, Cham, 2015, pg. 91-102, DOI: 10.1007/978-3-319-28448-4\_7;
- Claudia Ifrim, Florin Pop, Mariana Mocanu, Valentin Cristea: AgileDBLP: A Search-Based Mobile Application for Structured Digital Libraries / Semantic Keyword-based Search on Structured Data Sources, ISBN 978-3-319-27932-9, Springer International Publishing, Cham, 2015, p. 88 - 93
- Anca Daniela Ionita, Mariana Mocanu: Models of Organizational Change for Modernizing Pollution Warning Services. IAENG Transactions on Engineering Sciences, World Scientific Publishing Co. Pte Ltd. ISBN 978-982-4667-35-7, 2014, p. 498 - 510
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- Mariana Mocanu, Ingineria sistemelor informatice, ISBN 973-652-880-4, Editura Printech, 2003, cod CNCISIS 54, 88 p.

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## **Lista granturilor și contractelor de cercetare (2000-2016)**

### **● Internaționale**

- TEMPUS 530537 TEMPUS -1-2012-1-DE-TEMPUS-SMGR Development of Quality Assurance in Higher Education in Moldova, Oct. 2012 - August 2016, Director de proiect
- TEMPUS 530399-TEMPUS-1-2012-1-AT-TEMPUS-JPHES Encouraging the process of curriculum development based on learning outcomes and research guided teaching in the private higher education institutions of Kosova, 15 Oct. 2012 - 14 April 2015, Director de proiect
- Proiect TEMPUS “Supporting and Developing the Structures for the Q&A at the Private Higher Education Institutions in Kosova” Project Reference No: 159051-TEMPUS-1-2009-1-AT-TEMPUS-SMGR, 2010-2012, Director de proiect
- Excellence in Smart Data and Services for Supporting Water Management - DATA4WATER, H2020 — H2020-TWINN-2015, 690900 — DATA4WATER, 1.01.2016-31.12.2018, Director de proiect

### **● Naționale**

- Prototype Cyberinfrastructure-based System for Decision-Making Support in Water Resources Management - CyberWater, PNII Parteneriate - tip 1, nr. 47/2012, 2012 – 2016, Director de proiect
- Premiarea rezultatelor cercetării - UEFISCDI PNIII - 16/2016 Data4Water (2016-2018, Director de proiect
- Strategic support on strengthening the quality assurance structures at the private higher education institutions in Albania, QAinAL, 561510-EPP-1-2015-1-AT-EPPKA2-CBHE-JP, Agreement number 2015-3540 / 001-001, Director de proiect

- HighVec: Curriculum development: Highway/Road Construction Engineering and Vehicle Engineering, TEMPUS 544061-TEMPUS-1-2013-1-ES-TEMPUS-JPCR 2014-2017, Director de proiect
- Proiect EUREKA E!4053 "Testarea fiabilitatii sistemelor medicale" ReTeMes, 2008, Director de proiect
- Sistem informatic bazat pe servicii cloud, accesibile prin dispozitive mobile, pentru cresterea calitatii produselor si dezvoltarea afacerilor fermelor agricole (CLUeFARM) PNII - 29/2014
- MobyWay: Mobility Beyond Individualism: an Integrated Platform for Intelligent Transportation Systems of Tomorrow (Ro: Platformă Integrată pentru Sistemele de Transport Inteligent ale Viitorului), Project code PN-IIPT-PCCA-2013-4, No. 16/2014
- Sistem de alertare timpurie si asistare computerizata a deciziilor, bazat pe evaluarea anticipativa a dinamicii rapide a vulnerabilitatilor induse in teritoriu de obiectivele nucleare (N-WATCHDOG) PN II UEFISCDI298/2014
- Proiect POSDRU/2/1.2/S/2, ID 1622, "Dezvoltarea unui sistem operational al calificarilor din invatamantul superior din Romania" DOCIS
- Proiect POSDRU, "Dezvoltarea capacitatii de implementare a sistemului de calificari din invatamantul superior"-DECIS, ID 61152
- Proiect POSDRU "Program strategic pentru promovarea inovarii in servicii prin educatie deschisa, continua" (INSEED), Proiect POSDRU/86/1.2/S/57748
- Proiect POS-CCE, O212 ID551, cod SMIS-CSNR 12038 "Framework pentru compunerea serviciilor, bazat pe ontologii pentru agregarea cunostintelor si informatiilor din cladiri inteligente" (FCINT), 2010-2013
- Proiect FAR „Consiliere, formare profesionala si asistenta pentru afaceri in mediul rural – FAR, POSDRU/83/5.2/S/59260
- Proiect POSDRU: "Promovarea culturii antreprenoriale la nivelul regiunii Sud-Est – PAR-SE"(Contract nr. POSDRU/26/3.1/G/39186)
- Sistem colaborativ integrat bazat pe cunotinte pentru imbunatatirea managementului universitatilor economice, in contextul noului Cadru al Calificarilor din Invatamantul superior (SIMCE) 2011-2012 - POSDRU/86/1.2/S/58160
- Contract 11-075/18.09.2007 – CNMP Sistem informatic bazat pe achizitie date si metode avansate de decizie in timp real pentru comanda si controlul unui costum ortetic robotizat pentru asistarea persoanelor cu disabilitati ale aparatului locomotor (SICCCOR)
- Proiect FSE: POSDRU/7/2.1/S/3 Parteneriat national pentru implementarea proiectelor firme-facultati in vederea tranzitiei de la scoala la viata activa (PACT) ID 3405