

Expertise & Experience

Cujbescu Dan, 41 years old, mechanical engineer

Position within the project: Researcher

Current position held: Scientific researcher (CS) within the National Institute of Research - Development for Machines and Installations designed to Agriculture and Food Industry – INMA, Testing Department – DI.

Professional experience in the field of the project: mechanical engineer, graduate University Politehnica of Bucharest - Faculty of Biotechnical Systems Engineering in 2012, PhD student in Mechanical Engineering: Machines and Installations for Agriculture and Food Industry. From 2012 develops its activity within the National Institute of Research - Development for Machines and Installations designed to Agriculture and Food Industry – INMA, Testing Department – DI.

List of the most important achievements in the field of the project:

- 1. - Testing of sowing precision pneumatic planters in laboratory conditions, TRACTORS AND POWER MACHINES, UDK 631.372, ISSN 0354-9496, December 2014, Novi Sad - Serbia;*
- 2. - In rows seeders on stand sowing uniformity testing, TRACTORS AND POWER MACHINES, UDK 631.372, ISSN 0354-9496, December 2014, Novi Sad - Serbia;*
- 3. - Complex testing for checking the mechanical resistance of an operator protection structures within self-propelled machineries and agricultural tractors, 43rd International Symposium “ACTUAL TASKS ON AGRICULTURAL ENGINEERING”, 24-27 February 2015 Opatija, Croatia, ISSN 1848-4425;*
- 4. - Testing of protective structures of operators in an overturning incident, Analele Universității din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. XLV 2015;*
- 5. - Validation of mathematical model regarding the horizontal movement of seeds detached from the orifices of distributing disk, 45th International Symposium “ACTUAL TASKS ON AGRICULTURAL ENGINEERING”, 21-24 Februarie 2017 Opatija, Croatia, ISSN 1848-4425.*

List of research grants or testing technical services, as colaborator:

- 1. - Technical testing and experimentation in the field (field conditions) and under simulated and accelerated in the laboratory of an experimental model and a prototype of seed bed cultivator, contract 232/17.04.2015, beneficiar Asociația Sviluppo Insieme si Vince (assistant testing);*
- 2. - Innovative multifunctional self propelled machine with working equipment, for work in small farms, Contract nr: 20 DPST / 20.08.2013, (Cod PN – II – IN – DPST – 2012 – 1 – 0005) (assistant testing).*