



DYNAMIC SIMULATION SYSTEMS LABORATORY

Contact details

Name	Dynamic Simulation Systems Laboratory	 
Acronym	DSSL	
Logo	<i>"As it is in heaven, and on earth"</i>	
Site	UC - Under Construction	
Address	28 Memorandumului, 400114, Cluj-Napoca, Romania	
Faculty Department	Faculty Machine Building Design Engineering & Robotics Department	
Telephone	+40 0264 401638	
Fax	+40 0264 401638	
Director	Prof. Dr. Eng. Adrian Pisla	
e-mail	adrian.pisla@muri.utcluj.ro	

Areas of expertise

CNC control
Robots programming
Testing stands for automotive industry
Modular helicopter flight simulator development
Logistics solutions simulation and implementation
Mechanical system design, modeling, simulation and dynamic analysis
Engineering & Management analysis in robotics, flexible manufacturing cells and testing stands

Team

Prof. Dr. Eng. Adrian Pisla, Prof. Dr. Eng. Dan Opruța, Prof. Dr. Eng. Liviu Morar, Prof. Dr. Eng. Doina Pisla, Prof. Dr. Eng. Nicolae Plitea, Prof. Dr. Eng. Liviu Vaida, Assoc. Prof. Dr. Eng. Dan Frunzã, Assist. Prof. Dr. Eng. Daniel Banyai, Assist. Prof. Dr. Eng. Nicolae Haiduc, Assist. Prof. Dr. Eng. Radu Morariu, Assist. Prof. Dr. Eng. Paula Ungureșan, Assist. Prof. Dr. Eng. Călin Vaida, Asis. Dr. Eng. Emilia Câmpean, Dr. Eng. Marius Deneș, Eng. Ec. Adriana Ochiș, Eng. Gabriel Ciobanu, Eng. Victor Ibănescu, Eng. Tudor Rad, Tech. Laurențiu Pop

Representative projects

ASKOT, "Advanced structural kinematical and dynamical research for open flying simulation system tailored to special demands", CEEEX, (2006-2009)
IOS, "Instructor operation station designed for space applications", ROSA-STAR, (2014-2015)

Significant results

Others:
CAD/CAM/PDM implementation for modeling and execution

The offer addressed to the economic environment

Research & development	PLM - Product Lifecycle Management Fuzzy and genetic algorithms process modelling Mechanical Products Engineering & Management Logistics analyse and simulation for supply and client delivery solutions
------------------------	---

Consulting	CNC machining Robots Programming
Training	CNC programming Robots Programming Siemens PLM solutions:Solid Edge Basic/ 3D Modelling/ 2D Scketch/ Assembly