

CURRICULUM VITAE

- v NAME: Hossein Ostadi Valiabad.
- v DATE OF BIRTH: 31st Jan 1981.
- v GENDER : Male
- v CONTACT INFORMATION:
 - § ADDRESS: CH433,BAT J,21 Avenue Albert Einstein, INSA de Lyon,69621,Villeurbanne, France.
 - § PHONE: (33) 870 405662
 - § EMAIL: ostadi@gmail.com, hostadival@insa-lyon.fr
- v EDUCATION:
 - Ø 2005-2007 Master Student of Mechanical Engineering at I.N.S.A de Lyon in France and E.T.S.E.I.B in Spain.
 - Ø 2000-2004 B.S. Degree from Isfahan University of Technology (<http://www.iut.ac.ir/>), Mechanical Engineering, Manufacturing Division (<http://me.iut.ac.ir/>), GPA=15.27/20.
 - Ø 1999 Pre University Certificate, GPA=18.8/20
 - Ø 1998 High School Diploma mathematics and physics, GPA=19.3/20.
- v AWARDS:
 - Ø World Prizes and Scholarships:
 - § *European Committee Scholarship "Erasmus Mundus"* for Master in Mechanical Engineering 2005-2007 in France & Spain.
 - § *1st place* in Technical Challenge in Robocup Portugal 2004.
 - § *3rd Place* in World Robocup, Italy, 2003 in the Middle Size League.
 - § *3rd Place* in Robocup German Open, 2003 in the Small Size League.
 - Ø World Competitions Participation:
 - § Successful participation in World Robocup, Italy, 2003 in the Small Size League.
 - § Successful participation in World Robocup Japan 2002 in the middle size league.
 - Ø Other Honours:
 - § 2002, 2003 Certificate for activities in Robotic Center of I.U.T.
 - § 2000 *One of The top 0.3% of students* in Nationwide Entrance Exams for Entering University among about 400,000 participants
- v PUBLICATIONS:
 - Ø H. Samani, A. Abdollahi, Hossein Ostadi, S.Z. Rad, PHILIPS CFT and Department of Mechanical Engineering, Isfahan University of Technology; *Design and Development of a Comprehensive Omni directional Soccer Player Robot*, International Journal of Advanced Robotic Systems (www.ars-journal.com) (Volume 1 number 3 pp. 191-200) Sept 2004.
 - Ø Saeed Ziaie Rad, F-Sharifi, M.Danesh Panah, A.Abdollahi, Hossein Ostadi, H.Samani ; "*A Practical Approach to Control and Self-Localization of Persia Omni-Directional Mobile Robot*", IROS/IEEE International Conference on Intelligent Robotic Systems, Edmonton, Alberta, Canada 2005.
 - Ø M. Ajoodanian, A. Abdollahi, Hossein Ostadi, M. Keshmiri, "*Wave Simulator: Design and Fabrication of a 3 DOF 4-Legged Parallel Manipulator with a Non-Slippery Passive Constraining Leg*", Isfahan, ISME International Conference, May 2005.
 - Ø S.Z. Rad, M. Ajoodanian, A. Abdollahi, H. Ostadi, *Singularity Analysis of a 3-DOF 4-Legged Parallel Manipulator with a Non-Slippery Passive Constraining Leg*, International Conference on Optimization of the Robots and Manipulators, OPTIROB 2006, Predeal, Romania. (To be Published)
 - Ø A.Fadaie Tehrani, M.Monirvaghefi, Hossein Ostadi ; "*Design and Fabrication of Hyperbolic Mirror with the Idea of Electroless Ni-P*", Proceedings of SMEIR Conf. ,2003.
 - Ø I.U.T Persia *T.D.P 2002, 2003* the 2002, 2003, International Robocup Symposium proceedings.



v ACTIVITIES:

Ø Research projects:

- § Design (Simulation and mathematical model) and manufacturing(CAM-Precision Machining) an omni directional hyperbolic mirror for middle size robots with the idea of Ni-P electroless plating.
- § Design and manufacturing omni directional middle size and small size soccer robot with the new idea of full omni directional robots.
- § Design and Developing omni directional wheels for mobile robots.
- § Design and manufacturing ball handling systems for soccer robots.
- § Analysis the Micro-Thermal Actuator (MEMS) using FEA method with ANSYS
- § Co-Founder of the first “*Educational Robot Kits for Students*” in Isfahan Science and Technology Town.
- § Language I speak: English, French, Spanish, Persian

v Teaching Experiences:

- Ø 2005, 2004, 2003 Designing Robots for high school students, Mathematics House, Fall & Spring Semester.
- Ø 2004 Autodesk Inventor and Mechsoft as a part of Machinery Design (Teaching Assistant) ,Isfahan University of Technology, Fall Semester.

v MEMBERSHIP:

- Ø **Founder and Member** of Robotic Center of I.U.T, since 2001.
- Ø **Member** of ISME (Iranian Society of Mechanical Engineering), since 2003.
- Ø **Member** of Gifted Students Organization of Isfahan University of Technology
- Ø **Member and Instructor** of Scientific Group of I.U.T Mechanical Department, since 2001.
- Ø **Member** of Takin, the student’s Journal of Mechanical Engineering Department of I.U.T , since 2001.
- Ø **Member and Instructor** of Isfahan Mathematics House, since 2002.

v ACADEMIC INTERESTS:

- Ø Robotic and Mechatronics
- Ø Design and precision manufacturing
- Ø Micro & Nanotechnology

v COMPUTER SKILLS:

- Ø AutoCAD, Auto Desk Inventor, Solid Edge.
- Ø Edge CAM.
- Ø ANSYS
- Ø C/C++
- Ø MatLab

v REFERENCES:

- Ø Prof. Jean-Claude Boyer, Head of Mechanical engineering Department, INSA de Lyon, france, jean-claude.boyer@insa-lyon.fr
- Ø Prof. Mahmoud Salimi, Head of Mechanical Engineering Department, Isfahan University of Tech. Phone : (98)-311-3915214. Email: salimi@cc.iut.ac.ir
- Ø Dr. Saied Ziaee Rad, Head of Industrial Affairs ,Mechanical Engineering Department, Isfahan University of Tech. Phone : (98)-311-3915245. Email: szrad@cc.iut.ac.ir