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| Personal Information | Date of birth: April 20, 1982 Place of birth: Kerman, Iran Marital status: Married Nationality: Iranian | |
| Professional Experience | <i>Part-time University lecturer</i> Besat University and University of Applied Science and Technology, Iran. <i>Quantity Surveying, Structural Analysis, Solid Mechanics</i> | 2009-2011 |
| | <i>Construction and Project manager</i> TIM Co., Karaj, Iran <i>Activity Planning, Resource Planning, Cost control, Prepare tender reports</i> | 2008-2011 |
| | <i>Structure designer</i> Andishgaran Co., Tehran, Iran <i>Industrial buildings(Factory), Water and waste-water infrastructures</i> | 2007-2008 |
| Volunteered | Fund-raising activities for charities (cancer patients) In the form of charity bazaars for the <i>Society to Support Children Suffering from Cancer</i> widely known by its acronym, MAHAK | 2010-Now |
| | Board member of Iranian Student Society of TU Delft (ISSTUD) | 2014-Now |
| Education | <i>PhD in Technology, Policy and Management</i> TU Delft, Delft, The Netherlands. | 2012-Now |
| | <i>M.Sc. in civil engineering (Earthquake)</i> Sharif University of Technology, Tehran, Iran. | 2006-2009 |
| | <i>B.Sc. in civil engineering (General)</i> Sharif University of Technology, Tehran, Iran. | 2000-2006 |
| | <i>High school diploma in mathematics and physics.</i> NODET*, Kerman, Iran. | 1996-2000 |
| Honoured | Ranked 86th among nearly 450,000 participants in Iranian university nationwide entrance exam, given the title of <i>brilliant and gifted student.</i> | 2000 |
| | Selected and honoured as semi-finalist in the national physics Olympiad | 1998 |
| Researches | Road traffic network management, a recursive approach | 2014-Now |
| | Enterprise modelling and simulation, using DEMO methodology | 2012-2014 |
| | Identification of dynamic properties of dams using system identification techniques and real earthquake excitations, (MSc Thesis) | 2008-2009 |

*National Organization for Development of Exceptional Talents

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| Publications | <p>Barjis, J., Meshkat, A. (Editors) Enterprise & Organizational Modeling and Simulation. Lecture Notes in Business Information Processing, Springer-Verlag Berlin Heidelberg, 2013.</p> <p>A. Meshkat, Min Zhi, et. al, Coordinated Ramp Metering With Priorities, IET Intelligent Transport Systems, 2015</p> <p>Meshkat, A., Vrancken, J.L.M. Coordinated ramp metering with destination specific priorities for partial inflows, World ITS 2015.</p> <p>Meshkat, A., Vrancken, J.L.M. Multi-Objective Road Network Partitioning. ISTS'14, Ajaccio, France.</p> <p>Vejrazkova, Z., Meshkat, A. Translating the DEMO model into the Petri net model. The 9th EOMAS International Workshop, June 17, 2013, Spain.</p> <p>Meshkat, A., Bakhshi, A. Identification of Dynamic Properties of Dams using System Identification Techniques and Real Earthquake Excitations, 9th US National & 10th Canadian Conference on Earthquake Engineering, July 25, 2010, Canada.</p> |
| Languages | <p>Persian(Native), English(fluent, IELTS 7.0)</p> <p>Dutch(Intermediate, B2), French(Beginner)</p> <p>Willing to learn other languages as well.</p> |
| Computer Skills | <p><i>Programing Languages:</i> Python, MATLAB, R, $\text{\LaTeX} 2_{\epsilon}$.</p> <p><i>Simulation Tools:</i> Arena, Petri net, NetLogo, SUMO, VISSIM.</p> <p><i>Civil Engineering:</i> ETABS, SAP2000, SAFE, AutoCAD, ArchiCAD, ...</p> <p><i>General Tools:</i> Linux, Mac OS, Windows, MS Office, ...</p> |
| Soft - Skills | <p>Goal-driven and flexible team player, enthusiast learner with analytical thinking and problem solving skills.</p> |
| Interests | <p>DATA Analysis, Simulation and Modelling, Project Management.</p> |
| References | <p>Dr. M.E. (Martijn) Warnier <i>m.e.warnier@tudelft.nl</i> Associate Professor, Section Systems Engineering, Faculty of Technology, Policy and Management, Delft University of Technology.</p> <p>Dr. J.(Jos)L.M. Vrancken <i>j.l.m.vrancken@tudelft.nl</i> Assistant Professor, Section Systems Engineering, Faculty of Technology, Policy and Management, Delft University of Technology.</p> <p>Dr. J.(Joseph) Barjis <i>j.barjis@tudelft.nl</i> Associate Professor, Section Systems Engineering, Faculty of Technology, Policy and Management, Delft University of Technology.</p> <p>Dr. A.(Ali) Bakhshi <i>bakhshi@sharif.edu</i> Assistant Professor, Civil Engineering Department, Sharif University of Technology, Tehran, Iran.</p> |