

	<p align="center"><b>NOM – Prénom</b> Javad Majrouhi Sardroud PhD researcher</p> <p><b>Adresse :</b> 9 Marquis Court, Anglesea Road, Kingston upon Thames, KT1 2EN, UK  <b>Téléphones :</b> +44-7530748878  <b>Adresse Mail :</b> <a href="mailto:J.Majrouhi@kingston.ac.uk">J.Majrouhi@kingston.ac.uk</a> &amp; <a href="mailto:J.Majrouhi@gmail.com">J.Majrouhi@gmail.com</a></p> <p><b>Site de votre centre de recherche :</b>  <a href="http://engineering.kingston.ac.uk/people/research-students/mr-javad-majrouhi-sardroud">http://engineering.kingston.ac.uk/people/research-students/mr-javad-majrouhi-sardroud</a></p>
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### THÈMES DE RECHERCHE

**Project Title:** Assessment of Radio Frequency Identification Application for Effective Management of Construction Activities.

### PRINCIPALES PUBLICATIONS (10 références maximum)

Le cas échéant, n'oubliez pas de mettre les sites sur lesquels vos publications peuvent être consultées

#### Book chapter:

J. Majrouhi Sardroud, M.C. Limbachiya, Chapter “*Towards Linking Islands of Information Within Construction Projects Utilizing Combined RF Technologies*” in ‘Electrical Engineering and Applied Computing’, Edited by Gelman, L.; Ao, S.I., Springer, (2011)

#### Journal:

Published: J. Majrouhi Sardroud, & M.C. Limbachiya, “Effective Information Delivery at Construction Phase with Integrated Application of RFID, GPS and GSM Technology”, *Journal: Lecture Notes in Engineering and Computer Science*, Vol: 2183, Issue: 1, Pages: 425-431, 2010.

Submitted: J. Majrouhi Sardroud, & M.C. Limbachiya, “Applications of RFID Technology in Construction Industry – A Review”, submitted to *Automation in Construction*, Elsevier, September, 2010.

#### Conferences:

- S. Hosseyni, E.N. Bromhead, J. Majrouhi Sardroud, M.C. Limbachiya, & M. Riazi, “*Integrated RFID and Sensor Technologies for Effective Landslides Monitoring and Early Warning*”, 6<sup>th</sup> International Structural Engineering and Construction Conference (ISEC-6), June 21-26, 2011, Zürich, Switzerland.
- J. Majrouhi Sardroud, & M.C. Limbachiya, “*Effective information management at construction phase with application of Integrated RFID, GPS and GPRS Technology*”, World Congress on Engineering 2010 (WCE 2010), The 2010 International Conference of Information Engineering (ICIE 2010), 30 June – 2 July, 2010, Imperial College London, UK.  
- This paper has been selected as **Best Paper Award** of The 2010 International Conference of Information Engineering, [http://www.iaeng.org/WCE2010/congress\\_awards.html](http://www.iaeng.org/WCE2010/congress_awards.html)
- J. Majrouhi Sardroud, & M.C. Limbachiya, “*Utilization of Advanced Data Storage Technology to Conduct Construction Industry on Clear Environment*”, International Conference on Energy, Environment, and Sustainable Development (ICEESD 2010), World

Academy of Science, Engineering and Technology (WASET), June 28-30, 2010, Paris, France.

- The idea which comes out from this paper has been selected as one of the **best idea in the category of "The Built Environment"** (The poster competition for students attracted entries from 15 universities) and presented in the ICE event as poster, Innovate to Survive: Engineers for a One Planet Future, ICE's flagship event of the year, June 28-29, 2010, London, UK. <http://www.ice-innovatetosurvive.com/about.htm>

- J. Majrouhi Sardroud, & M. Limbachiya, "*Improving Construction Supply Chain Management with Integrated Application of RFID Technology and Portal System*". The 8<sup>th</sup> International Conference on Logistics Research (RIRL 2010), Sept. 29-30 and Oct. 1<sup>st</sup>, 2010, Bordeaux, France.
- J. Majrouhi Sardroud, M.C. Limbachiya, & A. Saremi, "*An Overview of RFID Application in Construction Industry*", Third International RFID Conference, Applied Information Development Center (AID), August 15-16, 2009, Tehran, IRAN.
- J. Majrouhi Sardroud, & M.C. Limbachiya, "*Integrated Advance Data Storage Technology for Effective Construction Logistics Management*", 27th International Symposium on Automation and Robotics in Construction (ISARC 2010), International Association of Automation and Robotics in Construction (IAARC), June 25-27, 2010, Bratislava, Slovakia.

- It should be noted that The International Association for Automation and Robotics in Construction (IAARC) is the **only (premier) global organization** dedicated to the advancement of Automation and Robotics in Construction.

- J. Majrouhi Sardroud, M.C. Limbachiya, & A. Saremi, "*Ubiquitous Tracking and Locating of Construction Resource Using GIS and RFID*", 6th GIS Conference & Exhibition, GIS 88, National Cartographic Center of Iran, January 6, 2010, Tehran, IRAN.

<http://www.doaj.org/doaj?func=abstract&id=578927>

[http://www.isec-society.org/ISEC\\_06/index.htm](http://www.isec-society.org/ISEC_06/index.htm)

[http://www.iaeng.org/publication/WCE2010/WCE2010\\_pp425-431.pdf](http://www.iaeng.org/publication/WCE2010/WCE2010_pp425-431.pdf)

<http://waset.org/programs/Paris10.pdf>

[http://www.rirl.bem.edu/telechargement/RIRL\\_2010\\_Prog.pdf](http://www.rirl.bem.edu/telechargement/RIRL_2010_Prog.pdf)

[http://www.isarc-2010-bratislava.sk/doc/ISARC-program\\_2010\\_06\\_24.pdf](http://www.isarc-2010-bratislava.sk/doc/ISARC-program_2010_06_24.pdf)

[www.ngisc.ncc.org.ir/downloads/programgis88.pdf](http://www.ngisc.ncc.org.ir/downloads/programgis88.pdf)

<http://www.rfidconference.ir/en/about.asp>

## ACTIVITÉS ADMINISTRATIVES PRINCIPALES

## ACTIVITÉS PEDAGOGIQUES PRINCIPALES

**Lecturer**, Faculty of Engineering, Department of civil engineering, IAU Central Tehran Branch.

## AUTRES ACTIVITÉS DE RECHERCHE

**Research Interests:** Construction management, Automation and robotics in construction, Utilization of advanced data storage technologies (e.g., RFID) to improve management activities at construction phase, Advancing the use of ICT in construction, Remote condition monitoring, Automated materials management, Industrialization in construction industry, Project information management systems, Tracking materials, components, and equipments at construction job-sites.