

PUBLICATIONS/PAPERS

BOOK

Janjua, N. K. (2014). *A Defeasible Logic Programming-Based Framework to Support Argumentation in Semantic Web Applications* (1st ed.). New York: Springer Science & Business Media.
<http://www.springer.com/engineering/computational+intelligence+and+complexity/book/978-3-319-03948-0>.

BOOK CHAPTER

Hiroki Suguri, H. Farooq Ahmad, Maruf Pasha, Naeem Khalid (2008). Foundation for Autonomous Semantic Grid, in *Grid Computing Research Progress*, 2nd quarter, pp. 151-191, isbn: 978-1-60456-404-4.

JOURNAL ARTICLES

Hussain, O. K., Zia-Ur-Rahman., Farookh, K. H., Singh, J., Janjua, N. K., & Chang, E. (2015). A user-based early warning service management framework in cloud computing. *Computer Journal*, 58(3), 472-496. doi:10.1093/comjnl/bxu064 ERA rank: A*, 5-yr Impact Factor: 0.962

Janjua, N. K., Hussain, O. K., Hussain, F. K., & Chang, E. (2014). Philosophical and logic-based argumentation-driven reasoning approaches and their realization on the WWW: A survey. *Computer Journal*, 58(9), 1967-1999. doi:10.1093/comjnl/bxu057 ERA rank: A*, 5-yr Impact Factor: 0.962

Janjua, N. K., & Hussain, F. K. (2012). Web@IDSS - Argumentation-enabled Web-based IDSS for reasoning over incomplete and conflicting information. *Knowledge-Based Systems*, 32, 9-27. doi:10.1016/j.knosys.2011.09.009 Excellence in Research for Australia (ERA) rank: B, Impact Factor: 4.104.

Janjua, N. K., Hussain, O. K., & Hussain, F. K. (2012). Semantic information and knowledge integration through argumentative reasoning to support intelligent decision making. *Information Systems Frontiers*, 1-26. doi:10.1007/s10796-012-9365-x Australian Business Deans Council (ABDC) rank: A, ERA rank: B, Impact Factor: 1.59.

CONFERENCE PAPERS

Saberi, M., Khadeer Hussain, O., Khalid Janjua, N., & Chang, E. (2015). Cognition and statistical-based crowd evaluation framework for ER-in-house crowdsourcing system: Inbound contact center. In *Lecture Notes in Computer Science* (including subseries *Lecture Notes in Artificial Intelligence* and *Lecture Notes in Bioinformatics*) Vol. 9093 (pp. 207-219). doi:10.1007/978-3-319-19548-3_17

Janjua, N. K., Hussain, O. K., & Chang, E. (2015). Interleaving collaborative planning and execution along with deliberation in logistics and supply chain. In *IFIP Advances in Information and Communication Technology* Vol. 465 (pp. 139-148). doi:10.1007/978-3-319-25261-2_13

Nawaz, F., Mohsin, A., Fatima, S., & Janjua, N. K. (2015). Rule-based multi-criteria framework for SaaS application architecture selection. In *IFIP Advances in Information and Communication Technology* Vol. 465 (pp. 129-138). doi:10.1007/978-3-319-25261-2_12

Morteza Saberi, Omar K. Hussain, Naeem Khalid Janjua and Elizabeth Chang (2014), In-house Crowdsourcing-based Entity Resolution: Dealing with Common Names. Accepted in The 11th IEEE international conference on e-Business Engineering, November 5-7, Guangzhou. China. doi:10.1109/ICEBE.2014.25

Naeem Khalid Janjua, Farookh Khadeer Hussain (2011), Rule-based Business Policies Representation, Reasoning and Integration in an Enterprise. In 6th International Conference on Broadband and Wireless Computing, Communication and Applications, October 26-28, pp. 51-56, Barcelona, Spain. doi:10.1109/BWCCA.2011.97

Naeem Khalid Janjua, Farookh Khadeer Hussain (2011), Defeasible Reasoning based Argumentative Web-IDSS for Virtual Team (VT). In 2011 International Conferences on Web Intelligence and Intelligent Agent Technology (WI-IAT), August 22-27, pp. 330-334, Lyon, France. 10.1109/WI-IAT.2011.168

RESEARCH GRANTS

2016 - ARC Linkage Project - 'Economically Efficient Green Logistics through Cyber Physical Systems' with Professor Elizabeth Chang as lead CI.

E, Chang, N. Janjua, O. Hussain et al., Faceplate: Data integration and visualization support for repairable inventory managers in Defence. *Commonwealth of Australia represented by the Department of Defence*. \$2.5 million approx., 2014 - 2017.

E Chang, O. Hussain, N. Janjua (BUS) Big Data Analytics through Conjoint Data and Content Mining. *Special Research Grants*, \$6,994, 2015.

E. Chang, N. Janjua and O. Hussain (BUS). Ships as Warehouses in MILIS (SWIM): Challenges and Way Forward. *Defence-related Research grants*. \$10,000. 2015

E. Chang, F. Hussain, O. Hussain, N. Janjua. Intelligent cloud based applications for milk logistics. *Commonwealth Department of Industry*. UNSW Grant number: RG152311. \$5000, Start date: 22 June 2015.

E. Chang, O. Hussain, N. Janjua, D. Prior, Creating Intelligent Situational Awareness: Towards Human-Centered Data Mining and a Recommender System in Army Logistical Environment, *Army research Scheme*, UNSW Grant number: RG152242. \$31000. Start date: 1 September 2015,

E, Chang, O. Hussain, N. Janjua and G. Heaslip, Predictive Big Data Analytics for Logistics Operations Management, *Special Research Grant*, \$10,000, 2014.