

Bader Ali

Contact Information

Information Science Department
College of Life Sciences
Kuwait University
P.O. Box: 5969, Safat, 13060, Kuwait
Phone: +965 2463-1243
Email: bader.ali@ku.edu.kw

Current Position(s)

2011 – Current

Assistant Professor at the Information Science Department - College of Computing Sciences and Engineering, Kuwait University.

2014 – 2016

Director of the office of automation and Information – College of Computing Sciences and Engineering, Kuwait University

Teaching Experience

2000 - 2004

Teaching Assistant, Computer Engineering Department, Kuwait University - Kuwait

- Graded assignments and exams for various courses.
- Taught labs for the following course: C/C++ programming and digital logic.

Education

- 2006 – 2010 Ph.D., School of Computer Science, McGill University, Canada.
- 2004 – 2006 M.Sc., Computer Science department, University of Southern California, Los Angeles, California, USA
- 1995 – 2000 B.S., Electrical and Computer Engineering department, University of Missouri – Columbia, Missouri, Columbia, USA.

Areas of Research Interest

- Large scale distributed systems.
- Social networking inspired trusted networked systems.
- Digital Rights Management.
- Digital identity management.
- Wireless Sensor Networks

Research Activity

Currently involved in wireless sensor network research where new aggregation algorithms for data stream in wireless sensor networks that improves the performance of the network are explored.

Publications & Thesis

- **Bader A. Ali**, Hanady M. Abdulsalam, and Aseel Alghemlas. 2018. *“Trust Based Scheme for IoT Enabled Wireless Sensor Networks.”* *Wirel. Pers. Commun.* 99, 2 (March 2018).
- Hanady M. Abdulsalam, **Bader A. Ali**, Eman AlRoumi, *“Usage of mobile elements in internet of things environment for data aggregation in wireless sensor networks”*, *Computers & Electrical Engineering*, 2018.
- Hanady M. Abdulsalam, **Bader A. Ali**, and Anwar Al-Yatama , *“ Air Quality Monitoring Using a LEACH-based Data Aggregation Technique in Wireless Sensor Network ”*, *Ad Hoc & Sensor Wireless Networks* 2015
- Hanady M. Abdulsalam, **Bader A. Ali**, and Anwar Al-Yatama *“Deploying LEACH Data Aggregation Technique for Air Quality Monitoring in Wireless Sensor Network”*, *The 2nd International Workshop on Communications and Sensor Networks (ComSense-2014)*
- Hanady M. Abdulsalam and **Bader A. Ali**, *“W-LEACH Based Dynamic Adaptive Data Aggregation Algorithm for Wireless Sensor Networks,”* *International Journal of Distributed Sensor Networks*, vol. 2013, 11 pages, 2013

- “Using Social Factors in Sharing and Usage Control in Online Systems”, *PhD thesis, McGill University, Nov. 2010.*
- Muthucumaru Maheswaran, **Bader Ali**, Hatice Ozguven, and Julien Lord, “*Online Identities and Social Networking*,” in *Handbook of Social Network Technologies and Applications*, (edited by B. Furht), Springer, 2010.
- **Bader Ali** and Muthucumaru Maheswaran. 2009. “A game theoretic analysis of blacklisting in online data storage systems”. In *Proceedings of the 28th IEEE conference on Global telecommunications (GLOBECOM'09)*.
- **Bader Ali** and Muthucumaru Maheswaran. 2009. “Using social factors in digital rights management”. In *Proceedings of the 4th USENIX conference on Hot topics in security (HotSec'09)*.
- Wilfred Villegas, **Bader Ali**, and Muthucumaru Maheswaran. 2008.” An Access Control Scheme for Protecting Personal Data”. In *Proceedings of the 2008 Sixth Annual Conference on Privacy, Security and Trust (PST '08)*.
- **Bader Ali**, Wilfred Villegas, and Muthucumaru Maheswaran. 2007. “A trust based approach for protecting user data in social networks”. In *Proceedings of the 2007 conference of the center for advanced studies on Collaborative research (CASCON '07)*.

Patents

Method and Apparatus for Creating a Social Digital Identity. Provisional Patent # P1110US00 (Canada). Owner: McGill University. Inventors: Muthucumaru Maheswaran **Bader Ali**.