

# Dr. Hussein Muzahim Aziz Basi

Department of Computer Engineering

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## Education:

PhD, University of Blekinge of Technology (BTH), 2013

MSc, University of Putra Malaysia (UPM), 1999

BSc, Al- Mansour University College (MUC), 1993

## Profile:

1/11/2017 – PRESENT : LECTURER, AL FARABI UNIVERSITY COLLEGE.

22/08/2015 - 14/12/2016 : WEBHELP UK, CARDIFF.

01/09/2014 - 10/01/2015 : LECTURER, AL FARABI UNIVERSITY COLLEGE.

01/02/2014 - 28/02/2014 : LECTURER, AMA INTERNATIONAL UNIVERSITY OF BAHRAIN.

02/12/2007 - 14/07/2013 : LECTURER, BLEKINGE INSTITUTE OF TECHNOLOGY.

01/12/2000 – 30/04/2006 : LECTURER, MULTIMEDIA UNIVERSITY.

02/05/1999 – 30/11/2000 : LECTURER, INTI COLLEGE SUBANG JAYA. COURSES TAUGHT FOR B.SC. STUDENTS. (BRITISH PROGRAM - COVENTRY UNIVERSITY AND AUSTRALIAN PROGRAM - WOLLONGONG UNIVERSITY).

## Teaching

1. Computer programming methodology
2. Computer Networks

## Research Focus

1. E- Governments and services.
2. Applications over the cloud computing
3. Video streaming over wireless networks.

## Publications

### Conferences

1. Hussein Muzahim Aziz, Markus Fiedler, Håkan Grahn, Lars Lundberg. Compressing Video Based on Region of Interest. EuroCon '13, Zagreb, Croatia, July 2013, pp. 1645-1651. ISBN: 978-1-4673-2231-7.
2. Hussein Muzahim Aziz, Markus Fiedler, Håkan Grahn, Lars Lundberg. Adapting the Streaming Video Based on the Estimated Position of the Region of Interest. The 8<sup>th</sup> International Conference

on Signal-Image Technology and Internet-Based Systems, SITIS'12, Sorrento - Naples, Italy, November 2012, pp. 1-7. ISBN: 978-1-4673-5152-2.

3. Hussein Muzahim Aziz, Markus Fiedler, Håkan Grahm, Lars Lundberg. Distribute the Video Frame Pixels over the Streaming Video Sequence as Sub-Frames. The 4<sup>th</sup> International Conferences on Advances in Multimedia. Chamonix / Mont Blanc, France, May 2012, pp. 133-141. ISBN: 978-1-61208-224-0.
4. Hussein Muzahim Aziz, Markus Fiedler, Håkan Grahm, Lars Lundberg. Streaming Video as Space Divided Sub-Frames over Wireless Networks. The 3<sup>rd</sup> Joint IFIP Wireless and Mobile Networking Conference, WMNC'10, Budapest, Hungary, October 2010. ISBN: 978-1-4244-8431-7.
5. Hussein Muzahim Aziz, Håkan Grahm, Lars Lundberg. Sub-Frame Crossing for Streaming Video over Wireless Network. The 7<sup>th</sup> International Conference on Wireless On-Demand Network Systems and Services, WONS'10, Kranjska Gora, Slovenia, February 2010, pp. 53-56. ISBN: 978-1-4244-6061-8.
6. Hussein Muzahim Aziz, Håkan Grahm, Lars Lundberg. Eliminating the Freezing Frames for the Mobile User over Unreliable Wireless Networks. ACM Mobility Conference. The 6<sup>th</sup> International Conference on Mobile Technology, Applications and Systems, Nice, France, September 2009, pp. 57:1-57:4. ISBN: 978-1-60558-536-9.
7. Hussein Muzahim Aziz, Lars Lundberg. Graceful Degradation of Mobile Video Quality over Wireless Network. IADIS International Conference Informatics, Algarve, Portugal, June 2009, pp. 175-180. ISBN: 978-972-8924-86-7.

## **Journals**

1. Hussein Muzahim Aziz. Improving the Availability of the Education Sector in Iraq over the Cloud Computing. Journal of Techniumscience, Vol. 3, Issue 9 pp.12-18, 2021. ISSN: 2668-778X.
2. Hussein Muzahim Aziz. Integrate the Healthcare Services in Iraq by using Cloud Computing. International Journal of Science & Engineering Research. Vol. 11, Issue 10, 2020, pp. 1252-1255. ISSN : 2229-5518.
3. Hussein Muzahim Aziz. Adopting Cloud Computing for the Iraqi E-Government to Achieve High Services. Journal of Computer Engineering. Vol. 21, Issue 6, 2019, pp. 1-7. ISSN: 2278-8727.
4. Hussein Muzahim Aziz, Markus Fiedler, Håkan Grahm, Lars Lundberg. Eliminating the Effects of Freezing Frames on User Perceptive by Using a Time Interleaving Technique. Journal of Multimedia Systems, Vol. 18, Issue 3, 2011, pp. 251-256. ISSN: 0942-4962.
5. Hussein Muzahim Aziz, Markus Fiedler, Håkan Grahm, Lars Lundberg. Adapting the Streaming Video on the Estimated Motion Position. Journal of Advance in Electrical and Electronic Engineering, Special Issue on Information and Communication Technology and Services, Vol. 10, No. 4, 2012, pp. 240-245. ISSN: 1804-3119.

## **Affiliations/Activities**

**Not available**