Dr. Alaa Al-Obaidi

Assistant Professor

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Time at UoN: Since 2004

Marital Status: Married

He completed the PhD study in Modelling Concurrency at the University of Malaya (Malaysia) in 2015, and he holds a Master Degree in parallel processing from the University of Basrah (1995), and he holds a Bachelor Degree in Computer Science from the University of Basrah (1992). His research interests are in the field of modelling and concurrent programming

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Academic Qualifications

PhD in Computer Science, University of Malaya, 2015

M.Sc in Computer Science, University of Basrah, 1995

B.Sc in Computer Science, University of Basrah, 1992

Research Activities

- Research Interests

Modelling Concurrency

- Publications

Article:

1. 2012 Alaa M. Al-Obaidi and Lee Sai Peck, ``A Multithreaded Scheduling Model for Solving the Tower Of Hanoi Game in a Multicore Environment,`` Maejo International Journal of Science and Technology, vol. 6, pp. 282-296, 2012.(ISI/SCOPUS Cited Publication).

2. 2012 Alaa M. Al-Obaidi and Lee Sai Peck, ``A Concurrent Multi-Stealing Scheduler Model for Divide and Conquer Problems,`` Malaysian Journal of Computer Science, vol. 25, (4), pp. 177-195, 2012. (ISI/SCOPUS Cited Publication).

3. 2011 Alaa M. Al-Obaidi and Lee Sai Peck, ``A Concurrent Multithreaded Scheduling Model for Solving Fibonacci Serieson Multicore Architecture,`` International Journal of Advancements in Computing Technology, vol. 3, pp.24 - 37, 2011. (SCOPUS Cited Publication).

Conference or Workshop:

1. 2012 Alaa M. Al-Obaidi and Lee Sai Peck, ``A Proposed Petri Nets Model for Updating XML Documents on a Multicore Architecture,``. in the 2009 International Conference on Computer Engineering and Applications (ICCEA 2009). 6- 8, June 2009. Manila Philippine. Volume 21 of the IACSIT Serial Conferences. (indexed by Nielsen, Thomson ISI (ISTP), IACSIT Database, British Library and EI Compendex).

2. 2012 Alaa M. Al-Obaidi and Lee Sai Peck, ``A Partial Multi Stealing Scheduling Model for Divide and ConquerProblems,`` in International Conference on Computer and Communication Engineering (ICCCE 2012),Kuala Lumpur, Malaysia, 2012, pp. 153-157. (SCOPUS Cited Publication / IEEE Xplore).

3. 2011 Alaa M. Al-Obaidi and Lee Sai Peck, ``A Concurrent Colored Petri Nets Model for Solving Binary Search Problemon a Multicore Architecture,`` in The 2nd International Conference on Software Engineering and ComputerSystems, University Malaysia Pahang, Malaysia, 2011. (ISI/SCOPUS Cited Publication).

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