Asst. Prof. Dr.rer. nat. Sufyan Samara

Computer Engineering Department, An-Najah National University, Nablus, Palestine
Tel: 970 9 2345113 ext 2468. E-mail: sufyan_sa@najah.edu

CURRENT POSITION

Instructor at the Computer Engineering Department, An- Najah National University, September 2006 – Present

EDUCATION

- **PhD. Distributed and Reconfigurable Embedded Systems, University of Paderborn, Germany, April 2008 – December 2010**
- **MSc. Electronics Communication and Computer Engineering, University of Nottingham,UK,2004 –2005**
- **BSc. Computer Engineering, An Najah National University, Palestine, 1999 – 2004**

WORK EXPERIENCE

- 2004 – 2005   Teaching .Net courses
- 2006 – 2007   Instructor at An Najah National University
- 2007 – 2008   Development Project Manager for the project Mersal
- 2008 – 2010   teaching assistant, University of Paderborn
- 2011 – present   Faculty member, Computer Engineering, An Najah University

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AWARDS

- **HQSF scholarship 2004 - 2005**
- **DAAD scholarship 2007 - 2010**

COURSES TAUGHT:

- Compilers
- Digital circuits
- Web programming
- Database
- Communications
- Discrete Mathematics
- Algorithms
- Computer Programming
- Microprocessors and microcontrollers

PUBLICATIONS

- Samara, Sufyan; Schomaker, Gunnar: Real-time Adaptation and Load Balancing Aware OS Services for Distributed Reconfigurable System on Chip. In: Computer and Information Technology, International Conference on, pp. 1743-1750, Los Alamitos, CA, USA, July 2010, IEEE Computer Society Press

- Samara, Sufyan; Zhao, Yuhong; Rammig, Franz Josef: Integrate Online Model Checking into Distributed Reconfigurable System on Chip with Adaptable OS Services. In: Distributed, Parallel and Biologically Inspired Systems, IFIP Advances in Information and Communication Technology, volume 329, pp. 102-113. Springer Boston, Sep 2010

- Samara, Sufyan:Partitioning granularity, communication overhead, and adaptation in OS services for Distributed Reconfigurable Systems on Chip. In: The 13th IEEE International Conference on Computational Science and Engineering, Dec 2010, IEEE Computer Society

- Samara, Sufyan; Bin Tariq, Fahad; Kerstan, Timo; Stahl, Katharina: Applications Adaptable Execution Path for Operating System Services on a Distributed Reconfigurable System on Chip. In: Proceedings of International Conference on Embedded Software and Systems, 2009. ICESS '09, May 2009

- Samara, Sufyan; Orfanus, Dalimir; Janacik, Peter: Towards biologically inspired decentralized self-adaptive OS services for distributed Reconfigurable System on Chip (RSoC) . ACM SIGBED (Special Interest Group on Embedded Systems) Review, 6(3), Oct 2009

- Rammig, Franz Josef; Zhao, Yuhong; Samara, Sufyan: On-line Model Checking as Operating System Service. In: The 7th IFIP Workshop on Software Technologies for Future Embedded and Ubiquitous Systems (SEUS'09), Nov 2009 IFIP WG 10.5, Springer

- Samara, Sufyan; Bin Tariq, Fahad: OS service optimization in a heterogeneous distributed System on Chip (SoC). In: Workshop on Distributed Computing in Ambient Environments (DiComAe) within the KI2009 Conference, 2009

- Samara, Sufyan;Schomaker, Gunnar: Self-adaptive OS service model in relaxed resource distributed Reconfigurable System on Chip (RSoC). In: International Conference on Adaptive and Self-adaptive Systems and Applications, ADAPTIVE 2009, 2009