

Dalia Mohamed Nashat

Work Address:

Mathematics Department

Faculty of science

Assuit University

Assuit, Egypt

Tel.:

Office: +2-088-241-2061

Home: +2-088-920-3353

E-mail: dnashat@yahoo.com

Education:

Ph.D.

Information Sciences, 2010

Tohoku University

Thesis: *Defense against Distributed Denial of Service in Computer Networks*

Advisor: Professor Michitaka Kameyama

Grade: Exceptional

M.Sc.

Computer Science, 2004

Assuit University

Thesis: *Character Recognition Using Hough Transform and Other Techniques*

Advisor: Professor Salah El Gendi

Grade: Very Good

B.Sc.

Computer Science, 1998

Assuit University

Grade: Very Good

Professional Experience:

2010-present

Lecturer, Mathematics Department, Faculty of science, Assuit University

2004-2010

Assistant, Mathematics Department, Faculty of science, Assuit University

1999-2004

Demonstrator, Mathematics Department, Faculty of science, Assuit University

Research Interest

Computer Networks

Networks Security

Infrastructure Security

Defense mechanisms

Societies Membership:

IEEE Computer Society

Teaching:

- Principals of Computer science
- Theory of Algorithms
- Computer Networks
- Artificial Intelligence
- Operating systems
- Object oriented
- Programming languages
- Information systems

Publications

- ✚ Dalia Nashat, Xiaohong Jiang and Susumu Horiguchi, "A Novel Source-End Packet Filtering Scheme for IP Spoofing Prevention," *IEICE Transactions on Communications*, Vol.E93-B, No. 5, May 2010.
- ✚ D.Nashat, X.Jiang, S.Horiguchi, "Router Security Review," in *Proc. of the IEEE International Workshop on High Performance and Highly Survivable Routers and Networks*, Japan, 2007.

- ✚ D.Nashat, X.Jiang, S.Horiguchi, "**Detecting SYN Flooding Agents**", in *Proc.of the IEEE International Workshop on High Performance and Highly Survivable Routers and Networks*, Japan, 2008.
- ✚ Dalia Nashat, Xiaohong Jiang and Susumu Horiguchi, "**Router Based Detection for Low-Rate Agents of DDoS Attack**", in *Proc. of the IEEE international Conference on High Performance Switching and Routing*, China, 2008.
- ✚ Dalia Nashat and Susumu Horiguchi, "**Router- based Defense against DDoS Attack**", in *Proc. of EJISST*, Japan, 2008.
- ✚ Dalia Nashat, Xiaohong Jiang and Susumu Horiguchi, "**Detecting SYN Flooding Agents under Any Type of IP Spoofing**", in *Proc. of the IEEE IEEE International Conference on e-Business Engineering*, China, 2008.
- ✚ Yusuke Fukushima, Xiaoliang Wang, Dalia Mohamed, Xiaohong Jiang and Susumu Horiguchi "**Optcal Switches and Optical Buffer Designs for High-Speed Optical Networks**", in *Proc. of the SOIM-GCOE*, Japan, 2008.
- ✚ Dalia Nashat, Xiaohong Jiang and Susumu Horiguchi "**On The Detection of DDoS Attackers for Large-Scale Networks**" in *Proc. of the IEEE International Conference on e-Business Engineering*, China, 2009.