

CURRICULUM VITAE

Name: Ali Balador
Gender: Male
Born: 08 August 1985, Iran
Passport Number: B21759765
Mobile: +98-912-3302341
Homepage: Balador.info
E-mail: Balador@ieec.org



Education

- ❖ M.S. in Computer Science, Islamic Azad University, Science and Research Branch, Tehran, Iran, ۲۰۰۷ - ۲۰۱۰.
(GPA: ۱۷.۱۸/۲۰)
Thesis title : Fairness Provisioning Qos-A Ware MAC Protocol for Mobile Ad-Hoc Network
- ❖ B.S. in Computer Science, Islamic Azad University, Naragh Branch, Isfahan, Iran, ۲۰۰۲ - ۲۰۰۷.
(GPA: ۱۸.۰۷/۲۰)
- ❖ High School Diploma, Tehran, Iran, ۱۹۹۹ - ۲۰۰۳.

Research Interests

- ❖ Mac Layer Protocols For Wireless Networks
- ❖ Mobile Ad-Hoc Networks (MANETs)
- ❖ Quality of Service (QoS)
- ❖ IEEE 8۰۲.۱۱p and IEEE ۱۶۰۹.۴ MAC
- ❖ Wireless Sensor Networks (WSNs)
- ❖ Cross-layer Approach at Wireless Networks

Teaching Experiences

- ❖ Computer Architecture (Spring ۲۰۱۱)
- ❖ Computer Networks (Fall ۲۰۱۰)
- ❖ Operating Systems (Fall ۲۰۱۰)
- ❖ Computer Programming ۱ (Fall ۲۰۰۹)
- ❖ Data Structure (spring ۲۰۱۱)
- ❖ Network Simulation Tools

Referee/Reviewer Activities

- ❖ Ad Hoc Networks – Elsevier Journal
- ❖ International Journal of Computer Science and Information Security (IJCSIS)
- ❖ International Journal of Computer Applications (IJCA)

Certifications

- ❖ A+ (Core)
- ❖ A+(OS Technology)

- ❖ Web Page Design
- ❖ ISA Server ۲۰۰۴
- ❖ Net Infrastructure ۱
- ❖ VHDL
- ❖ Writing CV and Prepare for Job Interview
- ❖ C++ Expert
- ❖ Writing Base on ISI Standard
- ❖ Workshop on Automatic Fraud Detection
- ❖ Workshop on Satellite Systems
- ❖ Workshop on Mobile Networks (IMT - Advanced)

Memberships

- ❖ Student Member of IEEE (۲۰۰۹ - Present)
- ❖ Student Member of computer Society of Iran (۲۰۰۹ - Present)
- ❖ Member of Iranian Association of Electrical and Electronics Engineers (۲۰۰۹ - Present)

Computer Languages

- ❖ Programming Languages: Pascal, C/C++
- ❖ Scripting Languages: OTCL, Java Script
- ❖ Hardware Modeling Languages: VHDL

Software Skills

- ❖ CAD Tools: Quartuse, MaxPlus, Leonardo
- ❖ Electronic Software: Electronic Workbench, Pspice, Keil, Proteos
- ❖ Simulators: NS-۲, Glomosim (Network Simulator), Modelsim (Hardware Simulator)
- ❖ Operating Systems: MS Windows
- ❖ Others: Dreamweaver

Work Experiences

- ❖ Executive and Consultant of ICT Plan, BARSА Company, Tehran, Iran, ۲۰۰۳ – ۲۰۰۷.

Languages

- ❖ Persian (Mother tongue)
- ❖ English
 - IELTS (Overall: ۶ – Listening: ۶.۵ – Reading: ۶ – Writing: ۵.۵ – Speaking: ۶.۵)
- ❖ Spanish

Publications

Conference:

- ❖ A. Balador, A. Movaghar. The Novel Contention Window Control Scheme for IEEE 8۰۲.۱۱ Mac Protocol. In proceedings of NSWCTC۲۰۱۰, Wuhan, China.

Journal:

- ❖ Balador, A. Movaghar, S. Jabbehdari. History Based Contention Window Control (HBCWC) in IEEE 8۰۲.۱۱ Mac Protocol in Error Prone Channel. Journal of Computer Science ۶(۲): ۲۰۵-۲۰۹, ۲۰۱۰.

- ❖ A. Balador, A. Movaghar, S. Jabbehdari, Dimitris Kanellopoulos. A novel contention window control scheme for IEEE 802.11 WLANs. Submitted to Journal of IETE Technical Review.
- ❖ A. Balador, A. Movaghar, S. Jabbehdari. Efficient Contention Window Control with Two-Element Array. Journal of Computing ۲(۸): ۱۳-۱۸, ۲۰۱۰.
- ❖ A. Balador, Mahtab Ghasemivand, A. Movaghar, S. Jabbehdari. An Adaptive Contention Window Control for Improving DCF Throughput and Fairness. European Journal of Scientific Research (EJSR) ۴۰(۲): ۳۱۰-۳۲۳, ۲۰۱۰.

References

- ❖ Dr. Ali Movaghar
Professor
Sharif University of Technology
Tehran – Iran
Email: movaghar@sharif.edu
 - ❖ Dr. Sam Jabbehdari
Assistant Professor
Islamic Azad University, North Tehran Branch
Tehran – Iran
Email: sjabbehdari@gmail.com
 - ❖ Dr. Amir Masoud Rahmani
Assistant Professor
Islamic Azad University, Science and Research Branch
Tehran – Iran
Email: rahmani@srbiau.ac.ir
-