

Hengameh Keshavarz

Associate Professor

Faculty : Electrical and Computer Engineering

Departments : Department of Communications Engineering

Phone : +9854 - 31136542

Email : keshavarz@ece.usb.ac.ir

Address : Dept.of Department of Communications Engineering, Faculty of Electrical and Computer Engineering, University of Sistan and Baluchestan, Daneshgah Ave., Zahedan, Iran.

Education

- B.Sc, Electrical Engineering - Electronics,Ferdowsi University of Mashhad - 1997
- MS, Communication Engineering,Ferdowsi University of Mashhad - 2001
- PhD, Communication Engineering,University of Waterloo CA - 2009

Courses

1. Stochastic processes
2. Smart Wireless Networks
3. Estimation Theory
4. Communication Systems principles
5. Statistics and probability in engineering
6. Advanced Communications theory

Master Thesis

1. effects of channel estimation on the user capacity in broadcast and multipleaccess channels

   علي اسلامي, [Hengameh Keshavarz,]

   نيمسال دوم سال تحصيلي91-90

2. channel modeling in smart power grid

   مصطفي پروين, [Hengameh Keshavarz, Shahram Mohanna]

   نيمسال دوم سال تحصيلي91-90

Journals Papers

2021

1. Cognitive radio networks for green wireless communications: an overview

Arash Ostovar, Hengameh Keshavarz, Zhi Quan

TELECOMMUNICATION SYSTEMS Volume: (76) 129 - 138

2. Presenting an Optimal Energy-Aware Locating Structure Using the Internet of Things and Device-to-Device Communications on Smartphones

, Farahnaz Mohanna, Hengameh Keshavarz

WIRELESS PERSONAL COMMUNICATIONS Volume: (118) 1745 - 1774

3. Joint Power allocation and target detection in distributed MIMO radars

Safieh Jebali, Hengameh Keshavarz, Mehdi Allahdadi

IET Radar Sonar and Navigation Volume: (15) 1433 - 1447

2018

4. Survey on clustering in heterogeneous and homogeneous wireless sensor networks

, Marzieh Badkoobe, Farahnaz Mohanna, Hengameh Keshavarz, Ali Asghar Rahmani Hosseinabadi, Arun Kuma

JOURNAL OF SUPERCOMPUTING Volume: (74) 277 - 323

5. Performance of Target Detection in Phased-MIMO Radars

Safieh Jebali, Hengameh Keshavarz

Journal of Communication Engineering Volume: (7) 1 - 15

2017

6. A novel energy-aware target tracking method by reducing active nodes in wireless sensor networks

, Farahnaz Mohanna, Hengameh Keshavarz

WIRELESS PERSONAL COMMUNICATIONS Volume: (95) 3585 - 3599

7. Beamsteering for Non-uniform Weighted Array-Fed Reflector Antenna

, Hengameh Keshavarz, Javad Ahmadi Shokouh

WIRELESS PERSONAL COMMUNICATIONS Volume: (97) 5511 - 5525

2016

8. Effects of Shadowing on the Number of Active Users in Random Multi-User Channels

Jalil Etminan, Hengameh Keshavarz,

WIRELESS NETWORKS Volume: (22) 2501 - 2509

2015

9. Solving Multiple Travelling Salesman problem using the Gravitational Emulation local search algorithm

Farahnaz Mohanna, Hengameh Keshavarz

APPLIED MATHEMATICS and INFORMATION SCIENCES Volume: (9) 1 - 11

10. Solving multiple traveling salesman problem using the gravitational emulation local search algorithm

, Farahnaz Mohanna, Hengameh Keshavarz, ali aqsghar rahmani hosyn abadi

APPLIED MATHEMATICS and INFORMATION SCIENCES Volume: (9) 1 - 11

11. Energy-aware routing minimizing interference based on the gravitational search algorithm in WSN

, Hengameh Keshavarz,

BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA Volume: (12) 419 - 427

2014

12. Effects of spatial receiver distributions on the user capacity of broadcast channels

Jalil Etminan, Hengameh Keshavarz

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (68) 79 - 83

2013

13. Outage probability scaling laws for SISO and MIMO ad-hoc networks

Hengameh Keshavarz

Transactions on Emerging Telecommunications Technologies Volume: (24) 557 - 567

14. User capacity scaling laws for fading broadcast channels affected by channel estimation

Hengameh Keshavarz

International Journal of Information and Communication Technology Research (IJICT Volume: (5) 1 - 7

15. RF beamforming for MIMO cognitive user

Javad Ahmadi Shokouh, Hengameh Keshavarz

AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS Volume: (67) 1079 - 1085

16. Received Signal Strength Estimation in Vehicle-to-Vehicle Communications Using Neural Networks

S. Masoud Barakati, Mehri Mehrjoo, Hengameh Keshavarz

International Journal of Digital Information and Wireless Communications Volume: () -

Conferences Papers

2019

1. Demand response estimation based on data mining using K-Means algorithm

International power system conference

Fatemeh Sheybani, Hengameh Keshavarz, Mojgan MollahassaniPour

2011

2. Asymptotic analysis of the outage probability for MIMO ad-hoc networks

IEEE International Conf. Personal Indoor and Radio mobile Communications

Hengameh Keshavarz

2010

3. Outage probability analysis for overlay cognitive ad-hoc networks

First International Conference on Communications Engineering

Hengameh Keshavarz

2008

4. User capacity of Rician and Nakagami fading broadcast channels

IEEE Global Telecommunications Conference

Hengameh Keshavarz

5. User capacity of fading multi-user channels with a minimum rate constraint

IEEE Conference on Communications (ICC)

Hengameh Keshavarz

6. Maximum number of active links in wireless networks with fading channels

Information Theory and Applications Workshop (ITA)

Hengameh Keshavarz

2005

7. A vector-hydrophone s minimal composition for finite estimation-variance in direction-finding near a rigid reflecting boundary

IEEE Global Telecommunications Conference

Hengameh Keshavarz

Executive activities