



Dr. Mo Jamshidi

*Professor, Dept. of Electrical & Computer Engineering
Lutcher Brown Endowed Distinguished Chair*

RESEARCH AREAS

- Large-scale Systems
- Cyber-Physical Systems
- Big Data Analytics
- Computational Intelligence
- Mobile Robotics
- Cloud-based Robotics

RECENT PUBLICATIONS

Big Data Analytic Paradigms: From Principle Component Analysis to Deep Learning (*Book Chapter, Robust Intelligence and Trust in Autonomous Systems, Springer, 2016*)

Teleoperation by Using Nonisomorphic Mechanisms in the Master–Slave Configuration for Speed Control (*IEEE Systems Journal, 2016*)

A Closed-Loop Transmission Power Control System Using a Nonlinear Approximation of Power-Time Curve (*IEEE Systems Journal, 2015*)

RECENT FUNDED GRANTS

Integrating OpenStack New Features and Docker Containers for the JetStream System
Role: Co-PI
Sponsor: Indiana University / National Science Foundation
Amount: \$400,000
Project Period: 6/1/16 – 5/31/20

Modeling, Analysis and Control of Large Scale Autonomous System of Vehicles
Role: PI
Sponsor: North Carolina Agricultural & Tech State
Amount: \$266,200 annual (\$1.25 ML)
Project Period: 1/2/15 – 12/31/19

Intelligent Energy Systems Research Program
Role: Co-PI
Sponsor: City Public Service Energy
Amount: \$467,974
Project Period: 2/1/14 – 8/31/14

**Contact: Mo.Jamshidi@utsa.edu and moj@wacong.org
Learn more about Mo Jamshidi [here](#).**

UNIQUE EXPERTISE / RESOURCES / AWARDS / QUALITIES / OTHER

- Fellow IEEE, ASME, AAAS, NYAS, TWAS, AF AIAA
- Member UT Systems Council
- Supervised 19 PhD students
- Current PhD students 20
- Cyber-physical Systems
- Autonomous vehicles
- Bio-informatics
- Assistive Robotics