

# Electrical & Computer Engineering Research Symposium Winners May 2014

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**Khaled Alhazmi - Communication Systems & Data Networking**

A Map of the Clouds: Virtual Network Mapping in Cloud Computing Data Centers

**Seyed Farok Atashzar - Robotics & Control**

Robot-Assisted Lung Motion Compensation during Needle Insertion

**Farzam Baradarani - Power Systems**

A Phase-Angle Estimation Method for Synchronization Applications

**Shaun Carnegie - Biomedical Systems**

ETV Simulation with Video Game Engine

**Bradley DeVlugt - Communication Systems & Data Networking**

**Kyle Fricke - Microsystems & Digital Signal Processing**

**Osameh Ghazian - Applied Electrostatics & Electromagnetics**

Spreading and retractions control of charged dielectric droplets

**Wilson Higashino - Software Engineering**

Query Analyzer and Manager for Complex Event Processing as a Service