

# The 11th Annual Intelligent Systems Center Poster Presentation

Monday, November 16, 2015  
3:00 - 5:30 PM

## Agenda:

2:30-3:00 - Setup

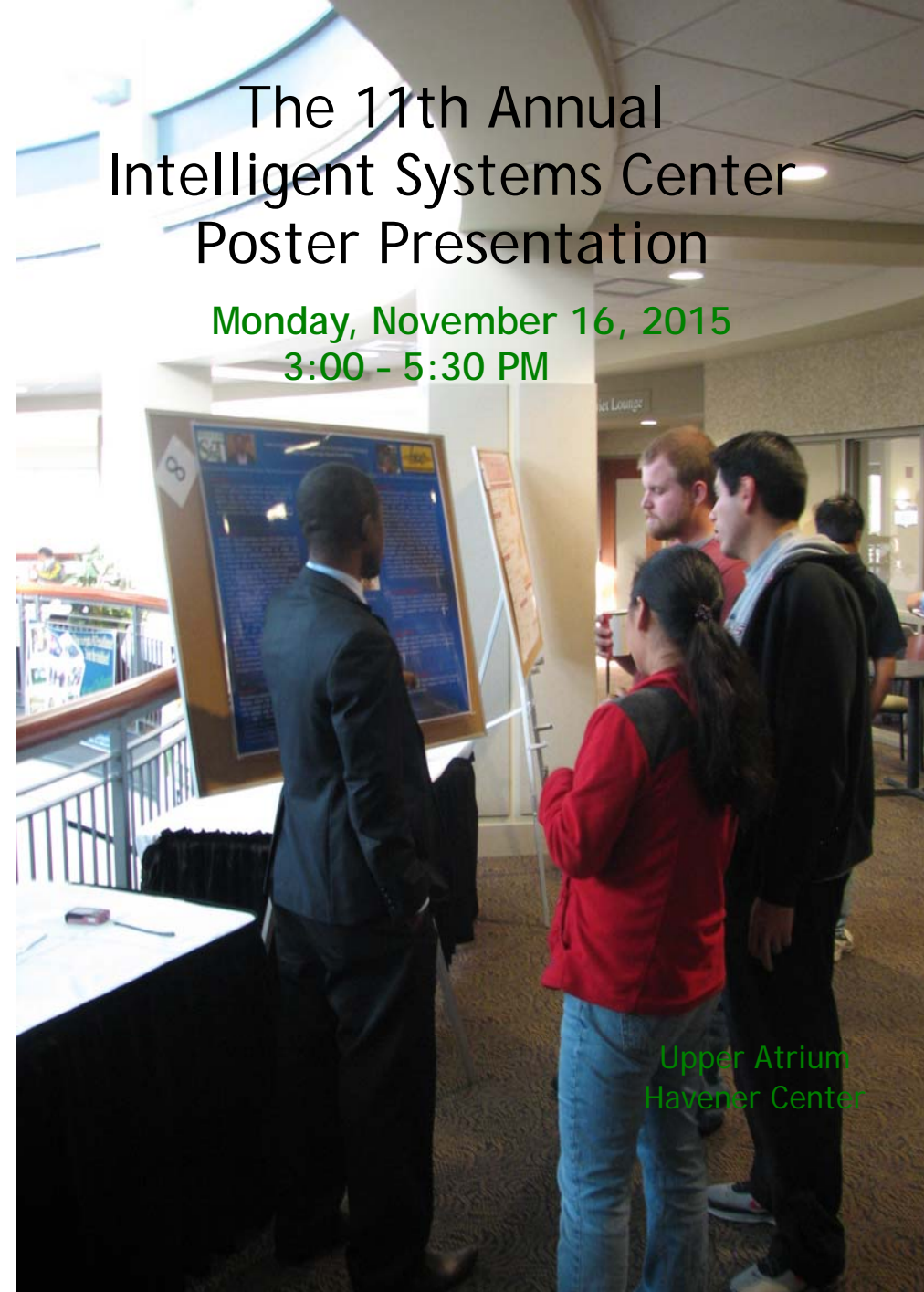
3:00-5:00 - Poster Display

5:00-5:30 - Judging

5:30 - Awards ceremony, speaker Dr. Krishnamurthy

6:00 - Pack up

Be sure to leave your posters on display until 6 PM.



Upper Atrium  
Havener Center

## Poster Listing

1. **Investigation of Metallic Cellular Lattice Structures Fabricated by Selective Laser Melting**, Wenjin Tao
2. **A Secure Fine-Grained Cloud Based Data Sharing Architecture Supporting Dynamic Groups of Users**, MD Azharul Islam, Sanjay Madria
3. **Power Generation & Storage in an Off Grid Solar System**, Bhargav Vupputuri
4. **Effect of Nickel Content on the Properties of Fe-Cr-Ni Alloy Fabricated by Laser Deposition with Elemental Powder Mixes**, Wei Li
5. **Blown Powder Deposition of Aluminum 4047 on Aluminum 2024**, Sriram Praneeth Isanaka, Sreekar Karnati
6. **A Scalable Scheduling Protocol for WirelessHART Networks**, Venkata Prashant Modekurthy
7. **Distributed State Verification in the Smart Grid using Physical Attestation**, Thomas Roth, Bruce McMillin
8. **Flow-Based Attack Detection for Networked Control Systems**, Haifeng Niu
9. **Event-Based Adaptive Optimal Control of Uncertain Linear System using Hybrid Q-Learning**, Vignesh Narayanan, Sarangapani
10. **Common Pitfalls in Machine Learning and Co-Optimization of Risk and Performance**, Bryce Schumacher, Donald C. Wunsch
11. **Supervised Biclustering ARTMAP on Sports Match Forecasting**, Se Jun Kim
12. **Nanoscale Plowing Process Control using Dual-Probe Atomic Force Microscope**, Muthukumaran Loganathan, Douglas A. Bristow
13. **Cure Modeling of Thick Composite Structures**, Sudharshan Anandan
14. **Determining Influential Nodes and Future Contacts/Interactions in Large Scale Networks**, Sima Das, Sajal K. Das
15. **An Improved Control Scheme for 3-Phase 4 Wire Stand Alone Inverter Employing a Zero Sequence Controller**, Subhajyoti Mukherjee, Medhi Ferdowsi
16. **Use of Driving Simulators to Determine Driver Response to Work Zone Sign Configurations**, Samareh Moradpour, Shuang Wu
17. **Effects of Cooling Strategy and Machining Parameters on Machinability in High Speed Machining of Difficult-to-Cut Metals**, Paras Jasra, A.C. Okafor
18. **Survivability Analysis for Autonomous Intelligent Systems**, Hadi Ataei
19. **Co-Evolving Attackers and Defenders in an Emulated Environment: A Conceptual Framework**, Benjamin Daniels
20. **Mechanical Properties and Surface Finish Improvement for Metal Parts Fabricated by the Foil-Based AM Technology**, Yiyu Shen, Chen Chen, Yingqi Li
21. **Microwave Synthetic Radar Imaging Using Sparse Measurement**, Xiahan Yang
22. **Wormhole Detection in Wireless Network**, Yi Ling, Maggie Cheng
23. **Enhanced Quantum Dots Emission Rate with Plasmonic Perfect Absorber**, Wei Wang, Jie Gao
24. **Broadband Perfect Absorber Based on One Ultrathin Layer of Refractory Metal**, Huixu Deng, Zhigang Li, Xiaodong Yang
25. **Human Activity Recognition using Wearable Sensor by Deep Convolutional Neural Networks**, Wenchao Jiang, Zhaozheng Yin, Ming Leu
26. **Resilient Control of Networked Multiagent Systems**, Daniel Peterson, Merve Dogan, Tansel Yucelen