

## IS 709/809: Computational Methods in IS Research

#### Research Reflection

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Guess the topics......

- Workshop: Industry-Academe research partnerships to enable the human-technology frontier for next generation smarter service systems, Principal Investigator: Yasaman Moghaddam; Organization: International Society of Service Innovation Professional
- PFI:BIC: <u>Smart Factories -An Intelligent Material</u>
  <u>Delivery System to Improve Human-Robot Workflow</u>
  <u>and Productivity in Assembly Manufacturing</u>; Principal Investigator: Laurel Riek; Organization: University of California-San Diego

- PFI:BIC: <u>ASPIRE: hierArchical control of a Smart ankle-foot Prosthesis that supports Increased mobility for REal-life activities</u>; Principal Investigator: Panagiotis Artemiadis; Organization: Arizona State University
- PFI:BIC: <u>Affordable Flexible Robotic Technology to</u>
   <u>Enhance Work Performance of Farmers with Mobility</u>

   <u>Restrictions</u>; Principal Investigator: Alexander
   Leonessa; Organization: Virginia Polytechnic Institute
   and State University

PFI:BIC: <u>Development, Deployment and Evaluation of an Intelligent Service System for Personalized Early Literacy Learning Using Mobile Devices</u>; Principal Investigator: Cynthia Breazeal; Organization: Massachusetts Institute of Technology

PFI:BIC: A Smart GIC-Resilient Power Grid: Cognitive Control Enabled by Data Mining at the Nexus of Space Weather, Geophysics and Power Systems Engineering; Principal Investigator: Adam Schultz; Organization: Oregon State University

- PFI:BIC: <u>Unobtrusive Neurotechnology and Immersive</u>
   <u>Human-Computer Interface for Enhanced Learning</u>;

   Principal Investigator: Gert Cauwenberghs;
   Organization: University of California-San Diego
- PFI:BIC: <u>Flexible, equitable, efficient, and effective</u> <u>distribution (FEEED);</u> Principal Investigator: Lauren Davis; Organization: North Carolina Agricultural & Technical State University;

 PFI:BIC: Next Generation Robotic Intelligence that <u>Provides Psycho-Social Support for Older Adults</u>; Principal Investigator: Bertram Malle; Organization: Brown University

PFI:BIC: <u>Pre-Departure Dynamic Geofencing, En-Route Traffic Alerting, Emergency Landing and Contingency Management for Intelligent Low-Altitude Airspace UAS Traffic Management</u>; Principal Investigator: Peng Wei; Organization: Iowa State University

PFI: BIC: <u>WearNet: Wearable Nanoplasmonic Biosensing</u>
 <u>Networks for Smart Health Monitoring & Diagnosis</u>;

 Principal Investigator: Josep Jornet; Organization: SUNY at Buffalo

PFI:BIC: <u>iWork</u>, a <u>Modular Multi-Sensing Adaptive</u> <u>Robot-Based Service for Vocational Assessment</u>, <u>Personalized Worker Training and Rehabilitation</u>; Principal Investigator: Fillia Makedon; Organization: University of Texas at Arlington

# Questions

