



Technology Demonstration

Microsoft Kinect Sensor Use in Robotics

David Pietrocola

NSF

Thursday, February 16, 2012

The Washington DC/Northern Virginia chapter of the IEEE RAS is pleased to co-sponsor with the DC/Northern Virginia IEEE - Computational Intelligence Society chapter a Microsoft Kinect sensor for robotics. The demonstration will take place at Devry University in Crystal City on Thursday, February 16th between 10am-2pm.

He described the upcoming demonstration as an introduction of the Microsoft Kinect sensor and how it is used in robotics today. He will also cover some software tools useful in setting up a quick Kinect application suitable for robot navigation.

Mr. David Pietrocola earned a M.S.E. in Systems Engineering degree from the University of Pennsylvania and now works at the National Science Foundation (NSF) in the Education and Human Resources directorate serving a two-year appointment as a Science Education Analyst (Science Assistant). While at the University of Pennsylvania, he was a member of the Ackoff Collaboratory for Advancement of the Systems Approach and researched the modeling and simulation challenges for the synthesis of socio-cognitive agents and realistic social behaviors in immersive training environments. He also holds a B.S. (Honors, Phi Beta Kappa) in electrical engineering from Trinity College in Hartford, Conn., where he developed several award-winning unmanned ground vehicles and autonomous robots. His research interests include intelligent agents, serious games, mobile robots, human-robot systems, complex systems, and engineering and public policy awareness.

Date: 16-February-2012

Time: 10:00AM to 2:00PM (4 hours) All times are: US/Eastern

Location: Devry University in Crystal City, VA