

# IEEE R5 Galveston Bay Section Joint RAS Chapter

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Joint Chapter Chair

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May 20<sup>th</sup>, 2008

# Joint Chapter

- IEEE section had been organizing Workshop on Automation and Robotics (WAR) annually since 1986 (in coop with AIAA Section and ISA Robotics Division)
- WAR- a half day minisymposium for robotics and automation community, free of charge
- Later combined with local half-day INNOVATION minisymposium with joint luncheon between the two
- Decided to convert CS chapter to Joint chapter in 2002

# Workshop on Automation and Robotics (WAR)

**September 21, 2007**

**Session WAR-01 (Lone Star Room)**

**Chair: Dr. James Dabney, University of Houston Clear Lake**

**9:00 – 9:45 Tutorial: Fuzzy Logic Presenter: Dr Trung Pham**

**9:45 – 10:30 Topic: State of Robotics and Future Challenges**

**Presenter: Dr James Dabney, University of Houston Clear lake 1**

**10:30 – 11:00 Topic: Developing Self-Aware Mobile Robot**

**Presenter: Lori Pape and Liwen Shih, Computer Engineering, University of Houston Clear Lake**

**11:00-11:30 Topic: GRANNIE 2-B: An Intelligent Robotic Agent for Homeland Security Surveillanc**

**Presenter: Paul Frenger M.D., A Working Hypothesis, Inc**

# Workshop on Automation and Robotics (WAR)

**NASA/JSC Gilruth Center, Thursday December 7th, 2006**

**Workshop on Automation and Robotics 2006**

## **Program**

### **TimeSession**

8:00 – 9:00 AM Breakfast

9:00 – 9:15 AM

Welcome & Opening Remarks Dr. Zafar Taqvi, Executive Chair of WAR & INNOVATION 2006

9:15 – 9:30 AM Welcome & Introduction Dr Jayant Ramakrishnan, , AIAA Houston Section Chair

9:30 – 10:30 AM WORKSHOP ON AUTOMATION AND ROBOTICS

9:30 – 10:30 AM • Keynote Address: Safety Issues in Engineering Designs Keynote Speaker: Dean Charles McKay, University of Houston Clear Lake

10:30 – 11:15 AM • Robotics

Speaker: Professor Jane Yuan, University of Houston

11:15 – 12:00 AM • Android and Simian Robots in Space

Speaker: Dr. Paul Frenger, USAF

# Workshop on Automation and Robotics (WAR)

**September 16, 2005**

**Session WAR-01 (Lone Star)**

Chair: Dr. Joseph Giarratano

9:00 – 9:30 Topic: Robotic Application in Medicine

Presenter: Dr. Thomas Harman, UHCL

9:30 – 10:00 Topic: Tissue Engineering & Stem Cells

Presenter: Sabia Zehra Taqvi, UT Austin

10:00 – 10:30 Topic: Autonomous Robots

Presenter: Carol Wong, Lockheed

10:30 – 11:00 Topic: Computer Simulations and Applications in Space Program

Presenter: Dr. Zack Cruis, NASA JSC

# Other Activities

- ISA Joint ROBEXS Division Activities

# IMEKO/TC-17

- Supporting IMEKO/TC-17/ISMCR activities
- 2008 ISMCR – September 3-6, 2008 in Bangalore India, organized jointly with local IEEE section.