

# **CALL FOR ABSTRACTS**

## **DUAL CONFERENCE of INNOVATION and AUTOMATION 2017**

**SATURDAY OCTOBER 28<sup>th</sup>, 2017, GILRUTH CENTER, NASA/JSC**

*Abstracts (limited to 400 words) are invited from prospective presenters for the Annual Dual Conference on INNOVATION and AUTOMATION*

Dual Conference provides a great opportunity for local area professionals and students to present their work at this technical forum with a minimum financial and time burden. Please submit your abstracts in the following AI, Games, Robotics, Biomed, Energy, Space, Computer Security, Data, IoT, e-Commerce, e-learning areas of work (but not limited to):

- Engineering in Medicine and Biology
- Genetic Editing, CRISPR/Cas, Designer Genes, GMOs
- Computer Viruses and Cybersecurity
- Computer Networks, Communication and Wireless Systems, IoT, Cloud Computing, Big Data, Data Mining
- Serious Games, Simulations, Virtual and Augmented Reality, Cinema, 3D Video, Oculus Rift
- Programming Languages, Processors, Test and Development Systems
- Automation, Robotics, Fuzzy Logic, Neural Networks, Expert Systems
- IBM Watson, Apple Siri, Amazon Echo, Microsoft Cortana, Google Assistant
- Aerospace & Aeronautics Systems, Programs and Spacecraft, Astronaut Support

- Green Energy, Energy Transmission , and Smart Grid
- Space-Rated Computer Processors and Support Equipment
- Nuclear Power, Thorium Reactors, Nuclear Waste Abatement
- Manufacturing Systems and 3D Printing
- Smart Highways, Smart Cities, Autonomous Vehicles and Seagoing Ship Technology
- Social, Economic and Ethical Impact of Technology
- High Performance Computing and Mobile applications, Quantum Computing
- Sensing and Sensor Networks
- Computer Vision, Augmented Reality, VR

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**DEADLINE FOR ABSTRACTS SUBMISSION BY EMAIL : Friday October 13<sup>th</sup>, 2017**

(Only abstracts are submitted and published. No paper manuscripts are published). Authors must procure clearance of the presentation from their organizations, if such clearance is needed. **Send your abstract of maximum 400 words by email to co-chair: Dr. Liwen Shih ([shih@uhcl.edu](mailto:shih@uhcl.edu)) with subject line “Abstract for 2017 Innovation/Automation”**

**STUDENTS’ POSTER SESSION AWARD:** There will be three awards (one \$200, two \$100) for best judged poster paper/presentations. Abstracts for the poster session need to be emailed by Friday Oct 6<sup>th</sup> to Dr Zafar Taqvi email [Z.TAQVI@IEEE.ORG](mailto:Z.TAQVI@IEEE.ORG). **Number of posters will be limited to 15.**

**Registration Fee schedule-** Full day program, which includes luncheon is \$25.00, Conference ONLY \$15, Additional Luncheon tickets \$15.00, All attendees including presenters need to register and pay registration fee. **All registrants will be provided a final program copy. Registration fee will be due at the event. All NO SHOW registrants will be billed. For additional enquiries please send emails to any of the co-chairs: Dr Paul Frenger ([pf\\_md@yahoo.com](mailto:pf_md@yahoo.com)), Dr Liwen Shih ([shih@uhcl.edu](mailto:shih@uhcl.edu)) or Dr Zafar Taqvi ([Z.Taqvi@IEEE.org](mailto:Z.Taqvi@IEEE.org)). REGISTRATION DEADLINE- FRIDAY OCTOBER 20<sup>th</sup>, 2017**

Dual Conference is organized by Clear Lake Council of Technical Societies (CLCTS), by IEEE Galveston Bay Section Society Chapters, and by the Robotics and Automation Technical Committee of AIAA Houston Section. IEEE GBS website: <http://sites.ieee.org/gb/communities/>