

CALL FOR ABSTRACTS

DUAL CONFERENCE of INNOVATION and AUTOMATION 2018

SATURDAY NOVEMBER 3rd, 2018, 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

DEADLINE FOR ABSTRACTS SUBMISSION BY EMAIL : Saturday October 13st, 2018

(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 [DualConference@gmail.com](mailto: DualConference@gmail.com) with subject line “[Abstract for 2018 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 12th to Dr Ishaq Unwala, email [Unwala@uhcl.edu](mailto: Unwala@uhcl.edu). **Number of posters will be limited to 15.**

Registration Fee schedule- Full day program, which includes luncheon is \$25.00, Students and Retired IEEE Members-\$20, 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. Checks can be drawn in favor CLCTS. All NO SHOW registrants will be billed. For additional enquiries please send emails to: [Dr Zafar Taqvi \(Z.Taqvi@IEEE.org\)](mailto: Dr Zafar Taqvi (Z.Taqvi@IEEE.org)), [Dr Liwen Shih \(shih@uhcl.edu\)](mailto: Dr Liwen Shih (shih@uhcl.edu)) or [Dr Paul Frenger \(pf_md@yahoo.com\)](mailto: Dr Paul Frenger (pf_md@yahoo.com)), **REGISTRATION DEADLINE- SATURDAY OCTOBER 20th, 2018****

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/>, **CLCTS Website is <https://sites.google.com/site/clctsgorg/home>**

Abstracts in WORD format to include paper title, author(s) name & affiliation, abstract text and keywords