

# IEEE International Conference on Aircraft Utility Systems (AUS2016)

October 8-14, 2016, Beijing, China

## Call For Papers

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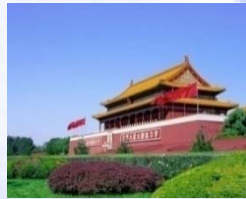
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The IEEE International Conference on Aircraft Utility Systems (AUS) is the premier conference series presenting the state of the art and future perspectives of aircraft utility systems technologies, where experts, researchers, and academics share ideas and experiences surrounding frontier technologies, breakthroughs and innovative solutions and applications.

The aircraft utility systems including Hydraulics, Actuation, APU, Electrical system, Bleed system, Oxygen, Fuel, Ice protection, Cooling system, Fire protection, Safety system, etc. help the aircraft perform its main function. They are necessary and important for a safe conduct of the flight, and contributes to the overall mission capability of the aircraft.

The AUS2016 will be held on October 8 - 14, 2016 in Beijing, China. The aim of the conference is to bring together researchers and practitioners from industry and academia and to provide them with a platform to report on recent developments, achievements, deployments, technology trends and research results, as well as initiatives related to technologies and applications on aircraft utility systems and other vehicle onboard functional systems.

**Topics** within the scope of the conference will include, but are not limited to:

- Systems Design of MEA at Aircraft Level
- Hydraulic Power
- Electrical Power
- Actuation Systems
- Environmental Control Systems
- Onboard Safety, Rescue and Protection System
- Landing Gear and Brake Control
- Fuel Inerting, Circulation and Management Systems
- Aviation Physiology and Ergonomics
- Fire Protection
- Pneumatics
- System Equipment
- Ice protection (anti-icing and deicing)
- Auxiliary Power
- Oxygen Systems
- Utilities Management Systems
- Health Monitoring
- Other Vehicles Onboard Functional Systems

**Paper Submission:** Please submit full papers to the conference website address <http://aus.buaa.edu.cn/2016>. All presented papers will be included in the conference proceedings and transferred to IEEE Xplore and EI Compendex.

### Important Dates:

Submission system open: ..... Apr. 15, 2016

Submission Deadline: ..... Jun. 5, 2016

Notification of Acceptance: ..... June 15, 2016

Full Paper Submission Deadline: ..... July 15, 2016

Early Bird Registration Due: ..... Sep. 10, 2016

Hotel reservation deadline: ..... Sep. 10, 2016

### Sponsors:

- IEEE Control Systems Society (CSS) Chapter, Nanjing, China
- Organization of Aviation Utility Systems Engineering (AUS-CSAA), Chinese Society of Aeronautics and Astronautics (CSAA), China
- Science and Technology on Aircraft Control Laboratory, China

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For further information, please access the website <http://aus.buaa.edu.cn/2016/>