Call for Papers

3rd International Conference in Aerospace for Young Scientists (ICAYS)
September 15th-16th, 2018 in Beihang University, Beijing, China
More information: icays.buaa.edu.cn

International Conference in Aerospace for Young Scientists (ICAYS) is the first non-profit international conference that focuses on young scientists’ academic communication and has funds for it. The conference aims to provide a platform for young scientists from all over the world to present their research results and development in aerospace.

The 3rd ICAYS (ICAYS 2018) will be held during September 15th-16th, 2018 in Beihang University, Beijing, China. ICAYS 2018 provides opportunities for young scientists to exchange new ideas and research findings face to face. The conference’s topics include Solid Mechanics, Fluid Mechanics, Dynamics and Control, Aircraft Design, Man-Machine and Environmental Engineering, Aerospace Power and Propulsion, Engineering Mechanics and Interdisciplinary.

All accepted papers after proper presentation and registration can be collected in the important international conference proceedings by CNKI.

Important Dates

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<th>Important Date</th>
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<tr>
<td>Abstract Submission Deadline</td>
<td>July 15th, 2018</td>
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<td>Manuscript Submission Deadline</td>
<td>July 31st, 2018</td>
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<td>Conference Check-in Date</td>
<td>September 13th-14th, 2018</td>
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Requirements for Submission

1. Language

English is the official language of the conference, and the paper should be written and presented only in English.

2. Submission Methods

Please submit your abstract to ICAYS_paper@buaa.edu.cn.

After receiving the abstract admission notice, Please submit your paper to ICAYS_paper@buaa.edu.cn.

Notice that your abstract and paper should be named as 'School_name_research direction', for example, 'Beihang University_Jim Green_aircraft design', and Word and PDF are all needed.

3. Notice

We firmly believe that ethical conduct is the most essential virtue of any academic. Any act of plagiarism is unacceptable academic misconduct and cannot be tolerated.

Please note that your paper is original or invited by filling in the specific document.

Publication

The symposiums of the conference are submitted to the following database for retrieval:
China National Knowledge Infrastructure (CNKI): www.cnki.net.

Registration Fee

This Conference is free of charge (no admission fee required).

International travel fund

International applicants can apply for international travel support up to 3,000 RMB, in addition, 1,000 RMB will be supplied as Best Paper Award (10-20 papers will be selected, depending on the total paper amount). Accommodation expense during the conference will be half-covered while it can be full-covered if the paper is submitted before July 15th. For more information, please see the web site icays.buaa.edu.cn or contact ICAYS@buaa.edu.cn.
Conference Special Topics

1. **Solid Mechanics**
   - Structural Fatigue Life and Reliability
   - Small Sample Theory and Technology
   - Aircraft Mechanics and Impact Protection Technology
   - Aircraft Structural Dynamics
   - Structural Analysis Technology of Light-Weighted Materials and Composite Materials
   - Multi-field Coupling Analysis for Complex Structure
   - Multi-scale Mechanical Analysis and Numerical Simulation Techniques

2. **Fluid Mechanics**
   - Separation and Vortical Flow
   - Computational Fluid Mechanics
   - Aerodynamics for Advanced Aircraft
   - Turbulence and Transition Control
   - Biofluid Mechanics and Bionics
   - Physical Fluids and Engineering Application

3. **Dynamics and Control**
   - Aircraft Flight Dynamics and Control
   - Flight Test and Flight Experiment Technology
   - Flight Quality and Safety
   - Flight Mission Planning and Measure of Effectiveness

4. **Aircraft Design**
   - Aircraft Aerodynamic / Structural / Invisible / Control Multi-Disciplinary Design Optimization
   - Aircraft Advanced Structural Design Technology
   - Co-axial Helicopter Design Technology
   - Micro Aircraft Design Technology
   - Advanced Aircraft Flight Dynamic Design and Optimization Technology

5. **Man-Machine and Environmental Engineering**
   - Man-Machine-Environment System Engineering
   - Environment Simulation Technique
   - Environment and Human Machine Engineering
   - Aircraft Environment Control and Life Supporting Engineering
   - Special Refrigeration and Air-Conditioning Technique
   - Thermal Protection Technique of Electronic Equipment
   - High-Efficient Heat Transfer and Energy-Saving Technique

6. **Aerospace Power and Propulsion**
   - Engineering Thermal Physics
   - Thermo-Fluid Mechanics and Turbomachinery
   - Multiphase Flow Combustion
   - Energy and Environmental Engineering
   - New Energy Air Vehicle

7. **Engineering Mechanics and Interdisciplinary**
   - Biomimetic Mechanics
   - Nonlinear Dynamics and Multi-Body Dynamics
   - Exterior Ballistics
   - Vibration and Control
   - Dynamics of Machinery
   - Gyrodynamics
   - Other Interdisciplinary

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**Contact Us**

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