Call for papers

13th Pegasus-AIAA

Student Conference

April 5-7, 2017

Technical University Berlin

INTRODUCTION

The purpose of the conference is to provide a forum for Pegasus Students (i.e., students enrolled for a degree programme of Pegasus institutions) and student members of the European Sections of AIAA to present technical papers in public competition for 1st, 2nd, and 3rd place in the graduate (masters candidates only) categories. The conference serves to give the students an opportunity to practice the presentation of technical work at meetings.

The fundamental objective of the conference is to provide students with an educational experience that prepares them for their future as practicing aerospace engineers. Students attend and present technical work as they would at a professional meeting. In addition, they establish professional relationships, learn from others, and improve their communication skills. Their work, both written and oral, is evaluated by professional members serving as judges, with the primary intent of providing substantial feedback on the quality of their work.

Any Pegasus Student or student member of the European Sections of AIAA is invited to participate in the conference. Only Masters' level student papers are accepted for competition. Ph.D. student papers are not eligible to compete for awards or prize money. Their work may be presented for review only.

The work presented should be original, not already published or presented elsewhere.

THE CONFERENCE CATEGORIES

Graduate Division (MS)

Papers based on independent student work (max. 2 students) that was part of any project completed in their final year (BAC+5 level) can compete in the Graduate Division of the Student Conference (examples could be the “projet de fin d’études” in France, the “tesi di Laurea Magistrale” in Italy, the “Studienarbeit” or “Diplomarbeit” in Germany). At the time of the Pegasus or AIAA conferences the students may have completed the diploma and even be working on an advanced degree (such as Ph.D.) but are still eligible for this graduate division based on work performed before they completed their diploma.

Subjects for student papers

All aerospace engineering disciplines are allowed (Aerodynamics, Gasdynamics, Heat Transfer, Structures, Materials, Aircraft Design, Subsystems and Integration, Rotary Wing Systems and Non-conventional Aircraft, Performance, Stability and Control, Flight Dynamics, Propulsion and Combustion, Production, Maintenance, Air Traffic Control, Aircraft Operations, Airports, Safety, Aircraft Navigation, Avionics, Communications, Space Engineering and Technology).

Official language

The official language of the conference is English. All papers must be written and presented in English.

Participation to AIAA International Student Conference

The first place paper may be invited to compete in the AIAA International Student Conference, provided that the AIAA finds the students eligible to compete in the event, see the www.aiaa.org website for further details. The AIAA National Student Conference is typically held in January at the AIAA Aerospace Sciences Meeting & Exhibition, USA.

BASIC PARTICIPATION RULES

The Pegasus Student Conference represents the conclusion of a competition or selection that every Pegasus institution or European Section of AIAA can implement locally.
Any student of a Pegasus institution or member of the European Sections of AIAA is invited to participate, proposing his paper to their own institution.
Each institution will pre-select, adopting self-given criteria, a maximum of three papers for the conference and also make sure that the submitted contributions satisfy the rules for the event. The papers selected will actually participate in the Pegasus Student Conference.
No travel costs of the students to the Pegasus Student Conference location can be supported by the organization of the latter.
European Sections of AIAA will be asked to participate actively in the Organizing and Judging Committees, should their affiliate students send any paper.

DEADLINE FOR STUDENTS OF WARSAW UNIVERSITY OF TECHNOLOGY

Students graduated at Warsaw University of Technology after April 2016 are entitled to participate. They should send all required documents (full paper and application form) before **January 27, 2017** to the attention of **Jacek Mieloszyk**: jmieloszyk@meil.pw.edu.pl.

VENUE

The 12th Pegasus-AIAA student conference will be held at the TU Berlin, on April 5-7, 2017.
For further details, consult the PEGASUS website (www.pegasus-europe.org).