PEGASUS Student Conference

Submission Guidelines for Students

Introduction

The PEGASUS Student Conference is a technical forum for students enrolled in PEGASUS-affiliated universities, as well as non-affiliated European universities, to present their work in a conference and competition setting.

The conference gives students the opportunity of experiencing the setting of an international conference, improving communication skills in a professional environment, and starting to build their own professional network.

Submitted manuscripts and oral presentations are peer-reviewed and scored by faculty and experts of PEGAUS-affiliated universities serving as competition judges and extensive feedback is provided at the conclusion of the competition.

Competition Rules

Any PEGASUS University Student or aerospace student of other European Universities 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. Their work may be presented for review only. The work presented should be original, not already published or presented elsewhere.

Graduate Division (MS)

Manuscripts based on independent student work that was part of any project completed in the final year of their studies (examples include but are not limited to "Project de Fin d'Études in France, "Tesi di Laurea Magistrale" in Italy, "Studienarbeit" or "Diplomarbeit" in Germany, as well as extracurricular or project-course work) are eligible for the competition. These must have been completed after the date of the previous PEGASUS conference. Students having completed their diploma are still eligible for the Graduate Division based on work performed before the completion of their diploma.

Topic for the Student Conference

All aerospace engineering disciplines are eligible for the competition: Aerodynamics, Gas dynamics, 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.

Manuscript Submission Guidelines

The language of the conference is English. The article must be written and presented in English.

Abstract Submission Guidelines

A one-page abstract must be submitted to the local PEGASUS contact by the stated deadline. The abstract must be written in English and must include:

- Title of the work
- Authors First and Last Names
- Affiliation and contact information of authors
- Academic supervisor (if relevant)

The local PEGASUS contact evaluates all submitted abstracts and selects three abstracts for participation in the student conference.

Manuscript Submission Guidelines

Authors of the selected abstracts are required to submit a full manuscript in compliance with submission guidelines and must be submitted to the local PEGASUS contact by the stated deadline accompanied by the registration form.

Manuscripts must be written in English using the Springer Nature Latex template in accordance with the submission guidelines for Aerotecnica Missili & Spazio. The length of the manuscript must not exceed 11 pages in two-column format or 20 pages in single-column format. Authors of the manuscript must match those of the submitted abstract.

Oral Presentation Guidelines

Oral presentations must be written and given in English. Presentations will be 20-minutes long followed by a 5-minute question & answer session. Presenter(s) will be stopped at the 20-minute mark regardless of if the presentation has been finished.

Evaluation Process

Each student conference paper is evaluated by two sets of judges:

- Technical judges for the review of the final manuscript
- Presentation judges at the conference sessions

Technical judges evaluate and score each assigned manuscript based on technical content, originality, and practical or scientific application. A total of 500 points may be awarded.

The presentation judges evaluate the oral presentation delivered by the student(s) on technical content, originality, and practical or scientific application. In addition, they evaluate the presentation based on delivery and quality of presentation, and on knowledge of the subject in the question & answer session.

Prizes and Award

The three works with the highest overall score (written manuscript and oral presentation combined) are eligible for a prize. There is no tie for the first-place award, although second/third place ties are permitted. In this case, no third place will be awarded.