

**NASA SPONSORSHIP OPPORTUNITY**  
**59th International Astronautical Congress (IAC): NASA Call for Abstracts**

NASA announces its intent to participate in the 59th International Astronautical Congress (IAC) and requests that **full-time graduate students attending U.S. universities respond to this "Call for Abstracts."**

The IAC is organized by the International Astronautical Federation, or IAF, the International Academy of Astronautics, and the International Institute of Space Law. The IAC is the largest space-related conference in the world and selects an average of 1000 scientific papers every year. The upcoming IAC will be held September 29 – October 3, 2008, in Glasgow, Scotland. NASA's participation in this event is an on-going effort to continue to connect NASA with the international astronautical and space community.

This "Call for Abstracts" is a precursor to a final paper, which may be presented at the 59th IAC. Student authors are invited to submit an abstract regarding an original, unpublished paper that has not been submitted in any other forum. A NASA technical review panel will select abstracts to be considered by the IAF. This opportunity is for graduate students majoring in fields related to the IAF research topics. Students may submit technical (oral) presentations and/or posters. Students may submit abstracts that are co-authored with their Principal Investigators; however, the student must be the "lead author," and only the student will present at the IAC. Students must be available to travel to the conference to represent NASA and their universities. Students must be U.S. citizens, attending a U.S. university, who plan to enter a career in space science or aeronautics.

Many students and professors are currently involved in NASA related research that could be considered for this submission. Students submitting abstracts are strongly encouraged to seek advice from professors who are conducting NASA research and/or from NASA scientists and engineers. Abstracts must be related to the [Vision for Space Exploration](#) and fit into one of the following categories:

**Category A: Science and Exploration** -- Systems sustaining space missions, including life, microgravity, space exploration, space debris and Search for Extra-Terrestrial Intelligence, or SETI.

**Category B: Applications and Operations** -- On-going and future operational applications, including earth observation, communication, navigation, human space endeavours, and small satellites.

**Category C: Technology** -- Common technologies to space systems, including astrodynamics, structures, power and propulsion.

**Category D: Infrastructure** -- Systems sustaining space missions, including space system, transportation, future systems and safety.

**Category E: Space and Safety** -- Interaction of space with society, including education, policy and economics, history, and law.

To be considered for NASA sponsorship, the full text of the abstract in English must be submitted to NASA electronically in the format prescribed by the IAF as early as possible, but not later than **4 p.m. EST on February 15, 2008**. Applicants desiring NASA sponsorship must be sure to submit their abstracts to both the IAF and to NASA.

The following information must be included in the submission: paper title; name of contact author; name of co-author(s); organization(s); and full postal address, phone, fax, and e-mail of the author and co-author(s).

In accordance with the requirements of the IAF, the criteria for the selection will be defined according to the following specifications:

- Abstracts should specify purpose, methodology, results and conclusions.
- Abstracts should indicate that substantive technical and/or programmatic content is included.
- Abstracts should clearly indicate that the material is new and original; they should explain why and how.
- Prospective authors(s) should certify that the paper was not presented at a previous meeting.

**NASA Submission Guidelines:**

Submit an abstract (maximum 400 words in English) as early as possible, but not later than February 15, 2008, at 4 p.m. EST. All abstracts must be submitted electronically to the e-mail address provided. After successful submission, each applicant will receive an e-mail confirmation. Panels appointed by NASA will review abstracts. Notifications of acceptance for NASA sponsorship will be e-mailed to the primary author by March 31, 2008. For more information, e-mail Dr. Mabel J. Matthews at [mabel.j.matthews@nasa.gov](mailto:mabel.j.matthews@nasa.gov).

**Options for submitting abstracts:**

1. **Send abstracts to [mabel.j.matthews@nasa.gov](mailto:mabel.j.matthews@nasa.gov) email. Submit abstracts in MS Word or Adobe PDF format, as an attachment or as text pasted within the body of the e-mail.**
2. **Send abstracts using an express mail service such as Federal Express, United Parcel Service or United States Postal Service to:**

**Dr. Mabel J. Matthews  
Office of Education  
NASA Headquarters  
ATTN: IAC-2008  
300 E St. SW, Rm. 9K84  
Washington, DC 20546-0001**

**Abstract Preparation Guidelines:**

- Abstracts must be one page (maximum of 400 words).
- Abstracts must be written in English.
- Abstracts cannot include formulas, tables or drawings.
- Author information.
  - First and Last Name
  - Title
  - Organization
  - Address (City, State, Zip)
  - Phone
  - Fax
  - E-mail

Abstract Title  
Abstract Category (include from list)  
Cat A  
Cat B  
Cat C  
Cat D  
Cat E  
Abstract  
Co-Author 1  
First and Last Name  
Title  
Organization  
Address (City, State, Zip)  
Phone  
Fax  
E-mail  
Co-Author 2  
First and Last Name  
Title  
Organization  
Address (City, State, Zip)  
Phone  
Fax  
E-mail

I verify that I am a U.S. citizen and a full-time graduate student majoring in a field or fields related to the IAF research topics. The abstract submitted is original and has not been presented at another meeting.

**IAF Submission Guidelines:**

Authors should go to <http://www.iafastro.org> and carefully follow the instructions related to the submission of abstracts for Glasgow. Abstracts may be uploaded as soon as possible.