

Journal Submittal Information

If your paper meets the archival criteria listed below, you should submit it to one of the journals of AIAA for consideration for publication. Submitting your paper to a journal is simple: Access WriteTrack™, AIAA's Webbased manuscript submittal and tracking system, at www.writetrack.net, and follow the simple instructions. Read both the Information for Contributors and the Instruction Documents linked to WriteTrack. Submit your paper to *one journal only* (see below for abbreviated journal scopes). Follow the WriteTrack prompts so that all required information is input into the system. Be sure to indicate that the paper is not classified and has not been submitted for publication elsewhere; and provide your complete contact information. Supply the names and e-mail addresses of five suggested reviewers. Upload your double-spaced manuscript. Conference papers (reformatted single column, double spaced) should be submitted *prior* to the meeting presentation if you want to minimize processing time. However, please include all relevant conference information (name of conference, location, dates, and, if available, your assigned paper number). Conference papers submitted to the journals should be as brief and concise as proper presentation of the ideas will allow.

I. Archival Criteria

1. The paper should be of lasting interest and should contain original, quantitative, detailed technical material, set into perspective relative to prior work and supported by literature references and specific technical accomplishments.
2. It should emphasize the technical nature of the work, avoiding mention of organizational names and/or the accomplishments of a particular organization.
3. If it deals with facilities for testing and evaluating systems, it must relate technical details to an advance in the state of the art.
4. It should avoid the presentation of program information (schedules, future plans).

II. Abbreviated Journal Scopes

Note: The full scopes are available on WriteTrack (www.writetrack.net).

A. AIAA Journal

(Editor-in-Chief: Dr. Elaine S. Oran, Code 6404, 4555 Overlook Avenue, SW, Naval Research Laboratory, Washington, DC 20375)

Discloses new theoretical developments and experimental results on topics such as aerodynamics, the aerospace environment, lasers and plasmas, fluid mechanics and reacting flows, and structural mechanics and materials.

B. Journal of Aerospace Computing, Information, and Communication

(Editor-in-Chief: Dr. Lyle N. Long, Department of Aerospace Engineering, 233 Hammond Building, #M, The Pennsylvania State University, University Park, PA 16802-1401)

Communicates scientific and technical knowledge and concepts in areas such as communication systems, networking, systems engineering, high-performance computing systems and software, and applications such as air traffic control.

C. Journal of Aircraft

(Editor-in-Chief: Dr. Thomas M. Weeks, 3157 Claydor Drive, Beavercreek, OH 45431-3307)

Publishes archival papers on applied aircraft systems, air transportation, design, operations, flight mechanics, flight and ground test, flight safety, computer applications, systems integration, aerodynamics, structures, and structural dynamics.

D. Journal of Guidance, Control, and Dynamics

(Editor-in-Chief: Dr. George T. Schmidt, Mail Stop 57, The Charles Stark Draper Laboratory, Inc., 555 Technology Square, Cambridge, MA 02139-3563)

Presents significant technical knowledge on topics such as dynamics, stability, guidance, control, navigation, optimization, electronics, and information processing, including applications of recent research to practical engineering problems.

E. Journal of Propulsion and Power

(Editor-in-Chief: Dr. Vigor Yang, The Pennsylvania State University, 104 Research Building East, University Park, PA 16802-2320)

Contributes to advancements in airbreathing, electric, and advanced propulsion, solid and liquid rockets, combustion, fuels and propellants, power generation and conversion for aerospace vehicles, and terrestrial energy devices and systems.

F. Journal of Spacecraft and Rockets

(Editor-in-Chief: Mr. E. Vincent Zoby, Mail Stop 408A, NASA Langley Research Center, Hampton, VA 23681-0001)

Covers advancements in spacecraft and tactical and strategic missile systems, including subsystem design and application, mission design and analysis, developments in space sciences, and applications of space technologies to other fields.

G. O. Journal of Thermophysics and Heat Transfer

(Editor-in-Chief: Dr. Alfred L. Crosbie, Thermal Radiative Transfer Group, 233 Mechanical Engineering Building, University of Missouri–Rolla, Rolla, MO 65401)

Contains research papers that deal with the properties and mechanisms involved in thermal energy transfer and storage in gases, liquids, and solids, including conductive, convective, and radiative modes alone or in combination.