

## AUTHOR'S INSTRUCTIONS FOR SPRAT XXI

Papers received for SPRAT XXII will be compiled and published without editing or retyping. Please take special care that your manuscript is clean and accurate and follows the prescribed format to ensure uniform appearance throughout the volume. Each presenter is expected

**STYLE AND FORMAT** – 8.5 x 11 inch paper size. Single-spaced except for headings and subheadings. Preferred font: Helvetic 10-point (Arial-10 point will also be accepted). Use a one-column format. Margins to be used are: bottom 1" (2.54cm); sides 0.75" (1.9cm); the title page should have a top margin of 2" (5cm); for all subsequent pages, the top margin is 1" (2.54cm).

**TITLE - CAPITAL LETTERS** in bold, Helvetica, 10-point type on page 1, centered.

**AUTHOR'S NAMES** - Upper and lower case letters 10-point Helvetica type centered and double-spaced below the title, followed by the company or affiliation, city, state and zip code. Use superscripted numbers to identify organization and list the organizations after the author list. Subdivisions and street addresses should not be used.

**ABSTRACT/ TEXT** – Please do not include the abstract in the paper. The text should begin two lines below the last city and state. Do not start each section on a new page and do not end a page with a heading.

**HEADINGS** – Major headings are to be in capitals without underlining, centered and bold. Subheadings are to be in lower case with first letter capitalized and in bold. Subheadings should start at the left margin. A blank line should precede and follow headings and subheadings.

**EQUATIONS** - Numbered consecutively throughout the paper. The equation number, in parentheses, should be placed flush with the right-hand margin of the column. Leave a blank line before and after equations.

**REFERENCES** - References are to be listed and numbered at the end of the paper. The text should show them as [1]. Titles of journals and books should be written in *Italic* script. Volume numbers in references should be typed in **bold**. References should be listed as: Author's name, "Title of paper", Journal(book, proceeding, etc), page numbers, City, State, and date. A blank line should separate references in lists. For example:

[1] E. Clark et al., "Integrated Phase Array Antenna/Solar Cell System For Flexible Access Communications (IA/SAC)", Proceedings of the 18<sup>th</sup> Space Photovoltaics Research and Technology Conference, Cleveland, OH, Sept. 16- 18, 2003.

**ILLUSTRATIONS AND GRAPHICS** - The use of **color** in figures and photos is recommended. Please use jpg format for all images (300 dpi). Figures and tables should be positioned within the text. Illustrations and graphics should include captions or titles, such as: Fig. 1. Artist view of solar powered Mars Exploration Rover on Mars. Figures are referred to in the text as (see Fig. 1).

**MANUSCRIPT LENGTH** – There is no maximum number of pages. The proceedings will be published on CD only. We do request a minimum of **3** pages.

**MANUSCRIPT SUBMISSION** - Manuscripts should be submitted as **pdf** files. In addition to two paper copies, we are requesting that each author submit an electronic version of the paper. If producing a **pdf** file is not possible, the alternative is to submit a Microsoft Word® file, which we will convert to **pdf**. The electronic version may be submitted prior to the conference via email to: [barbara.h.madej@nasa.gov](mailto:barbara.h.madej@nasa.gov).