**ABSTRACT PREPARATION GUIDELINE**

**FOR J-G WORKSHOP ON RENEWABLE ENERGIES 2018**

Toru Okazaki1 and Hans Giles2

1The Institute of Applied Energy

2German Aerospace Centre

Please follow these instructions carefully. These instructions have been formatted in the manner in which you should prepare your abstract, thus you may use this document as an example. For details or clarification, please contact Mr. Gils (Part 1) (hans-christian.gils@dlr.de) or Mr. Okazaki (Part 2) (t-okazaki@iae.or.jp)

**Keywords**: renewable energy, PV, wind energy, stabilization

**STYLE AND FORMAT**

**General**

The abstract is to be formatted using A4-size paper (210 mm x 297 mm), single-spaced except for headings and subheadings. The preferred font is Times New Roman-9 point (shown here), or Arial. Right-hand justification should be used when available. Bold should be used for the paper title and major headings. Use a two-column format as illustrated by these instructions. Each column is 80 mm wide with spacing of 10 mm between columns (total width is 170 mm). Margins to be used are the following: bottom 30 mm; side 20 mm each; the title page should have a top margin of 30 mm; for all subsequent pages, the top margin is 20 mm.

**DETAIL**

**Abstract**

Abstract is limited to **one page** and **１MB file size** after conversion to pdf file. Abstract exceeding page limits will be truncated at the limit. The title should appear in **CAPITAL LETTERS** (in bold, Times New Roman or Arial, 12-point type) centered across both columns without underlining. Type the author’s name and affiliation in upper and lower case letters (9-point, Times New Roman or Arial), centered and double-spaced below the title. For multiple organizations, use superscripted numbers to identify organization and list the organizations after the author list.

For Keywords, use 9-point and centered below the abstract. Number of keywords is limited to five. Begin the main text of the manuscript about 10 mm below the keywords.

**HEADINGS**

**Subheadings**

Major headings are to be in capitals without underlining, centered over one column and bold. Subheadings should start at the left-hand margin on separate lines. A blank line space should be placed both before and after each heading or subheading.

**EQUATIONS**

The equation number, in parentheses, should be placed flush with the right-hand margin of the column. When possible, use an equation editor.

 (1)

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].

**ILLUSTRATIONS AND GRAPHICS**

**Figures and tables**

Hand-written lettering on figures is not acceptable. The use of **color** in figures and photos is recommended. Illustrations and graphics may be one- or two-columns wide and should include captions or titles.

**References**

[1] R. Renewer et al., “How to rearrange - - - - - - - -”, *Applied Physics Letters*. **83**, 2002, pp.234-238.