Thank you for submitting your manuscript to Journal of the Korean Physical Society. This manual provides instructions on how to use the online submission system.

## Login and Register account

If you are not a member of JKPS, please create an account first. You can start to register by clicking “Create an Account.”

1) **Member login field:** You can log in here using your credentials; your user ID is the email address that you registered.

2) **“Forgot Your Password” button:** If you are already a member of JKPS, you can find your
forgotten password by clicking this button.

3) **Shortcuts:** This area has several shortcuts, linking to the JKPS home page, account creation page.

4) **Resources menu:** This menu provides links to several important resources, such as the instruction manual for authors.

### Author Center

After you logged in, you will see the Submission Status page.

On this page, you can check the status of all of your submission.

1) **On this page you can see**

   - **Submission:** This section shows the status of your most recently submitted manuscripts.
- **Completed**: This section shows manuscripts that have been reviewed.
- **Withdrawals**: This section shows manuscripts that have been withdrawn.
- **Co-Authored Manuscript**: This section shows co-authored manuscripts
- **Submissions on Review**: This section shows the details of the review process.

2) **This field is for detail description of manuscripts per submission status.** When you click each mane, details of will be shown on the bottom of the same page.

3) **Author Resources menu**: In this menu, you can check for email from JKPS and download the guideline documents for manuscript submission.

### Submit New Manuscript

**Step 1. Select Submission Method.**

**Step 2. See the requirements on check list**

Before you submit article please check whether you fulfilled all of the necessary requirements
To proceed with the submission, you need to check the following. Manuscripts that do not meet the guidelines mentioned below will be immediately returned to the author.

**Start**

1. **General Items**
   1.1. Manuscript followed the code of ethics established by this journal.
   1.2. Original manuscript is prepared in order of cover page, title page and main text.
   1.3. Typos, terminologies and sentences of the manuscript are fully checked.
   1.4. Cover page contains title of manuscript, list of all authors (name/affiliation/address), for a corresponding author, add e-mail address/telephone number/fax number, topic of paper (See Article 2 of the Instruction to Authors for Publication in Journal of the Korean Physical Society), related field in physics (Ex. nuclear physics), preferred referees.

2. **Cover and title page**
   2.1. Title page contains title of manuscript, name/affiliation/address of all authors, abstracts, PACS numbers, keywords, e-mail address of a corresponding author.
   2.2. Length of abstract is within 600 ~ 1,000 characters including spaces.
   2.3. The abstract and keyword should not contain displayed mathematical equations, footnotes, references, graphics, or tabular material.
   2.4. Main text is prepared in order of introduction, main body, results and discussion, conclusion, acknowledgements, references, captions of table figure photos, tables (figures, photos).

3. **Main text**
   3.1. Main title of main body is experiment (theory) for experimental (theoretical) manuscript. (Small titles can be used, if necessary.)
   3.2. Every articles in references are cited in the main text.

4. **References (See Article 5 of the Instruction to Authors.)**
   4.1. Abbreviated titles of journals are correct.
   4.2. When web sites are cited, citing dates are written in references.
   4.3. When number of authors is larger than 6, names of five authors plus "et al." are used.
   4.4. All figures (photos) are submitted in electronic publishable formats (i.e., png, pdf, with resolution higher than 300 dpi).

5. **Tables, figures and photos (See Article 6 of the Instruction to Authors.)**
   5.1. Considering reduction of size in final version, sizes of titles, legends and symbols are reasonably large.
   5.2. All units and symbols are written in roman and in italics, respectively.

**Author submission requirement form**

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Step 3. Fill in the basic manuscript information

In case you need to submit the article with fast track please choose "Rapid submission"

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※ Rapid Submission Review process: the decision will be made within at least approximately three weeks or more than if necessary
※ Rapid Submission costs (300,000 KRW) additional charge in addition to the regular
publication fee.

*Remark: the Rapid Submission charge is not refundable under all circumstances.*

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**Options**
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**arxiv.org:id**

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*Example of arxiv id)*

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Step 4. Fill in Suggested reviewers information

Suggesting reviewer(s) is Recommend for Submission.
Please note that the journal may not use your suggestions, but your help is appreciated and may speed up the selection of appropriate reviewers.

Step 5. File upload

1. Upload as many as needed for your manuscript and make sure to select the file item from the drop-down menu.
2. Enter a description in the text box.
3. Click browse.
4. In the opened window, select the file on your computer (Manuscript, Figure, Table) and click open.
5. Click attach this file (Upload files).

These files will be combined into a single PDF document for the review process. You must ensure that these files are numbered in the order in which they should appear in the PDF. If you have made a mistake, delete the file(s) and reupload. Make sure to click on “Upload files” to successfully upload your files. When all Items have been attached, click Save & Continue at the bottom of the page.
**Supplemental Files**

You may provide any supplemental data that are not part of the printed paper but may be useful for evaluation of your manuscript by reviewers and editors.
Step 6. Fill in the information for all authors and institutions

On this page, you can confirm that you have provided all of the necessary information before you submit the manuscript.

A Red “X” means that you have not yet finished or filled in one of the required fields. In this case, you can revise the information by clicking “Edit.” If you have successfully completed all steps, you will see the Blue “V” sign at every step.

The PDF “Convert” button will be available after you have completed all necessary steps. After confirming that the PDF file was successfully created, please click “Submit.”
We report the first identification of forbidden line components from an element heavier than helium in the spectrum of astrophysical plasmas. As yet, these components were identified only in laboratory plasmas and not in astrophysical objects. Forbidden components are well known for neutral helium lines in hot stars, particularly in helium-rich post-AGB stars and white dwarfs. We discovered that two hitherto unidentified lines in the ultraviolet spectra of hot hydrogen-deficient (pre)white dwarfs can be identified as forbidden line components of triply ionized carbon (CIII). The forbidden components (3p–4d and 3d–4f) appear in the blue and red wings of the strong, Stark broadened 3p–4d and 3d–4f lines at 1108.7 AA and 1169.2 AA, respectively. They are visible over a wide effective temperature range (540000–200000 K) in helium-rich (DO) white dwarfs and PG 1159 stars that have strongly oversolar carbon abundances.
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