



Call for papers – Special issue of *Journal of Plasma Physics*

Dear Colleagues,

The *Journal of Plasma Physics* is under new management and one of the goals for the new editorial board is to better support basic plasma physics and related experiments that emphasize astrophysical plasma processes.

We would like to call your attention to a special issue of JPP that we are organizing entitled: *Experiments at the frontier of fundamental plasma physics*.

We invite you to submit to this issue. Our goal is to assemble a useful catalog of the current devices under operation that can be used by graduate students and postdocs entering the field, but also to call attention to this very central area of plasma physics, at the intersection of many different applications and scientific communities.

The papers need not contain new results (though they would also be welcome) and should be written in the style of a review.

We are proposing a common outline for these papers:

1. Machine description and unique parameters/capabilities.
2. Description of the major physics question or set of questions being addressed along with a short tutorial about how the particular device addresses the question.
3. Summary of major results (where appropriate).
4. Future opportunities including both scientific opportunities as well as information about potential upgrades.

We would also entertain "concept" papers in which you might consider describing a plasma process or set of processes and a new facility that could be constructed to address these issues.

We propose a submission deadline of August 1, 2014 in order to have the articles published in the summer.

Please feel free to circulate this announcement to others you feel might be interested.

Best Regards,
Cary Forest and Troy Carter, Associate Editors, JPP