PAP Seminar Announcement

The Physical Review Journals and You: Why and how should we work together?
By
Dr. Manolis Antonoyiannakis, editor, Physical Review Letters
Dr. Ling Miao, editor, Physical Review X

Date: 10 October 2012, Wednesday
Time: 11.00am to 12.00pm
Venue: Hilbert Space (PAP-02-02)
Host: Assoc. Prof. Claus-Dieter Ohl

Abstract

The Physical Review family journals (PRL, PRA, PRB, PRC, PRD, and PRE) of the American Physical Society (APS) are the bedrock journals that the international physics community relies on. But, they need the community's support and contributions to maintain their strengths. Our talk will address the question of why, and how, the journals and the physics community should work together more actively and effectively.

We will first briefly discuss the journals' status and their multifaceted contribution to physics and to the international physics community. Then we will zoom in on the editorial and peer-review process and give you an insider’s view of the APS editorial system: How do the editors evaluate new papers, choose referees, and accept and reject papers? How do they select which papers to highlight in the exclusive online platform /Physics/ or as Editors’ Suggestions? We will also discuss how you can maximize your chances of publishing your work in the APS journals and how you can make your scientific expertise and views really count by serving as a referee. Finally, we will provide representative statistics on publications, citations and impact measures, and make some geographic and institutional comparisons along the way.

Last May, the APS launched a new, broad-scope, fully open-access, and highly selective journal, Physical Review X (http://prx.aps.org/). What is PRX's mission? What can the new journal offer you? We'll answer these questions and others that you may have.

Last but not least, we want to get your feedback on the Physical Review journals and our editorial work. Such feedback will help the journals become stronger and work better for you.

Short Biography

Dr. Manolis Antonoyiannakis is an editor of Physical Review Letters where he handles manuscripts primarily on nanophotonics, metamaterials, plasmonics, microscopy, acoustics, solar cell physics and topological insulators. He is also an Adjunct Research Associate Scientist at Columbia University. From 2008-2010 he was the Scientific Advisor to the President of the European Research Council in London/Brussels. Aside from his editorial responsibilities, he is interested in the peer review process from a statistical and systemic perspective and in metrics that quantify the impact of research.

Dr. Ling Miao is the associate editor of Physical Review X, the new journal of the American Physical Society. She received her B.Sc. in theoretical high-energy physics from the University of Science and Technology of China and her Ph.D. in statistical physics, soft condensed matter physics, and biophysics from Simon Fraser University in Canada. She also has a strong interest in a broad range of subject areas of physics beyond those of her specialization. She was an Associate Professor in Physics at the University of Southern Denmark before joining the APS Editorial Office as an editor of Physical Review Letters in 2005.

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