Applied Probability Society 2023 Best Student Paper Competition – Call for Submissions

The Applied Probability Society seeks to identify and honor outstanding papers in the field of applied probability that are written primarily by a student. **We define applied probability broadly, as any paper related to the modeling, analysis, and control of stochastic systems**.

The paper's contribution may lie in the formulation of new mathematical models, in the development of new mathematical or computational methods, in the innovative application of existing methods, or in the opening of new application domains. The abstracts of the winning papers will be published in the *Stochastic Systems* journal, which does not preclude the work from being published in any journal of your choice.

Submission Guidelines

Submissions **will be accepted until midnight (US Pacific Time) of June 1st, 2023.** Submissions should be emailed to the committee chair (jose.blanchet@stanford.edu) with the subject "APS Student Paper Competition 2023."

A complete entry consists of a paper and a letter certifying eligibility.
1) The paper should have a separate title page with an abstract and key words, and should use the INFORMS latex template files given for submissions to the *Stochastic Systems* journal: https://pubsonline.informs.org/authorportal/latex-style-files. There is no page limit. However, we encourage authors to think carefully about how to best present their results.
2) The letter certifying eligibility should be signed by the faculty advisor, the student, and any additional co-authors, attesting that all eligibility criteria are satisfied. In particular, the letter should confirm that the student's contribution comprises the majority of the paper. It should also confirm APS membership as in item 7 of the eligibility requirements. The sole purpose of this letter is to confirm eligibility; this is not a recommendation letter for the student or for the paper.
3) The paper and eligibility letter should be submitted as a single PDF file. The file should be named <paper title>.pdf ("My paper.pdf").

Eligibility Criteria

Submissions must satisfy the following eight conditions.
1) The entrant must have been a PhD candidate on or after January 1, 2023.
2) The research must have been conducted while the entrant was a student.
3) One or more advisors may appear as co-authors on the paper, but the student's contributions must make up the majority of the paper. Note that the submission to the competition may be different from a journal submission, in order to potentially highlight the results to which the student made the most significant contributions.
4) An entrant can be a (co-)author in at most one paper submitted to the competition. More than one entrant per paper is allowed as long as they are eligible (in which case the award would be split).
5) The paper must present original research results (a summary of multiple papers is not eligible).
6) The paper must not have placed (1st, 2nd, 3rd, etc.) or been selected as a finalist in a previous INFORMS competition.
7) All student entrants and student co-authors must either be INFORMS APS Community members, or have initiated the process to become a member. Detailed instructions for joining the society appear at the end of this announcement. This information can also be found at: https://connect.informs.org/aps/about-us/apsmembership
8) The student entrant must be available to present the work on **Sunday afternoon, October 15, 2023** at the INFORMS National Meeting in Phoenix, Arizona.

Paper Competition Committee (additions depending on the composition of the submissions): Victor Araman, Ragavendran Gopalakrishnan, Yue Hu, Suleyman Kerimov, Christina Lee You, Gal Mendleson, Chang-Han Rhee, Vahid Sarhangian, Huseyin Topaloglu, Christos Zacharias, Martina Zubeldia, Jose Blanchet (chair).

Paper Competition Web Site
http://connect.informs.org/aps/apsawards/awards

Joining the INFORMS APS Community:

You can join the INFORMS APS Community in two ways. If you are an INFORMS member, go to https://myaccount.informs.org and log in to your account. Once you are inside your profile, you'll see the "Join" menu (right next to "Store" on the top right corner (if you are using a desktop browser). Click on the Join menu and on the lefthand side of the screen you'll see a bar, showing multiple options, including "Renew and Review Memberships", which you can click and then you'll be able to select joining APS.

To enroll in the INFORMS APS Community, without having to join the broader INFORMS Community and/or register for INFORMS conferences more broadly, please send an email of the following template to : iwilliams@informs.org , CCing beth.west@informs.org and efrancis@informs.org
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Subject : Joining INFORMS APS Community

Dear INFORMS,

Hello. I am interested in formally joining the INFORMS APS Community (without joining the broader INFORMS community) at the cost of either $5 for a student, $10 for a non-student, or $5 for retiree status as appropriate (as I wish to only join the APS Community, not INFORMS broadly). Can you please follow up with registration, fees, and invoice? Thanks in advance.

Also, for your convenience, please find some additional information below.

First name
Last name
Email
Phone

-Your name----------------------------------

For information on joining the broader INFORMS society, which will include the option to join the INFORMS APS community (although cost more for an annual membership), please see https://www.informs.org/About-INFORMS/Member-Benefits/Join-INFORMS-and-or-INFORMS-Communities