



THE UNIVERSITY OF CHICAGO

COMPUTATIONAL AND APPLIED MATHEMATICS COLLOQUIUM

LALIT JAIN

Department of Computer Science and Engineering
University of Washington

Adapting Sampling for Crowdfunding

THURSDAY, October 18, 2018, at 4:00 PM
Jones 226, 5747 South Ellis Avenue

ABSTRACT

In recent years there has been an explosion in the number of crowdfunding platforms that offer a way to match up projects seeking startup funds to individual lenders willing to give a small amount. This includes venture capital sites like Kickstarter and GoFundMe, and microlending companies such as Kiva. All these sites face a common problem: how to effectively show users projects in order to ensure as many projects are as fully funded as possible. Though the demand for crowdfunding is increasing quickly, this problem has received little to no attention. In addition, due to the unique nature of the crowdfunding paradigm, traditional multi-armed bandit algorithms do not directly apply. In recent work, we precisely formulate the crowdfunding problem and provide a novel approach for loan recommendation.

Organizers:

Daniel Sanz-Alonso, Department of Statistics, sanzalonso@uchicago.edu
CAM Colloquium URL: <https://cam.uchicago.edu/seminars/colloq/index.shtml>.

For further information and inquiries about building access for persons with disabilities, please contact Zellencia Harris, zellenciah@uchicago.edu. If you wish to subscribe to our email list, please visit the following website: https://lists.uchicago.edu/web/subscribe/cam_colloquium/.