

Statistics Seminar  
Department of Mathematical Sciences

<b>DATE:</b>	Thursday, April 22, 2021
<b>TIME:</b>	1:15pm - 2:15pm
<b>LOCATION:</b>	Zoom meeting
<b>SPEAKER:</b>	Baozhen Wang, Binghamton University
<b>TITLE:</b>	A Generalized Neyman-Pearson Criterion for Optimal Domain Adaptation

**Abstract**

In the problem of domain adaptation for binary classification, the learner is presented with labeled examples from a source domain, and must correctly classify unlabeled examples from a target domain, which may differ from the source. The author study a class of domain adaptation problems that generalizes both the covariate shift assumption and a model for feature-dependent label noise, and establish optimal classification on the target domain despite not having access to labelled data from this domain.

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