



INSTITUTE FOR MATHEMATICS
AND ITS APPLICATIONS

IMA
Special
Workshop

SEPTEMBER 16-17, 2019

Recent Progress in Foundational Data Science

As big data algorithms find new successes in technology, business and scientific fields, researchers have started to lay the theoretical foundation for the understanding of their effectiveness. The IMA and the Institute for Research in Statistics and its Applications at the University of Minnesota are organizing this two-day workshop to provide a platform for researchers across disciplines to disseminate their recent results on topics such as large scale optimization, nonparametric and semiparametric inference, high-dimensional learning, and deep learning. This workshop also serves as a forum to bring together academic researchers and industry scientists to promote a richer exchange of ideas and emerging opportunities.

ORGANIZERS

Lan Wang, University of Minnesota

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Hui Zou, University of Minnesota

SPEAKERS

Andrew R. Barron, Yale University

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Jeff Calder, University of Minnesota

Dennis Cook, University of Minnesota

Runze Li, The Pennsylvania State
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Ian McKeague, Columbia University

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