



Organizations:

- Harvard University
- Ecole Polytechnique Federale de Lausanne (EPFL)

Lead Investigator:

- Yiling Chen (Harvard University)

Current Team Members:

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Areas of Interest

- Information elicitation and aggregation
 - Prediction markets, proper scoring rules
 - Peer-prediction methods
 - Incentive-compatible machine learning

Focus on incentives and computational issues



Qualifications and Capabilities

- Computer scientists doing interdisciplinary research: EconCS, AI, CS theory, HCI, and decision theories
- Theoretical research on designing prediction mechanisms
 - Automated market makers, combinatorial prediction markets
 - Incentive mechanisms to promote honest information elicitation
 - Optimal information aggregation mechanisms
 - Probabilistic filters that improve the accuracy of information aggregation
- Design effective human-computer interaction systems



- Seeking partners to conduct experimental validations of peer-prediction mechanisms
 - What questions are amenable to truthful elicitation
 - Effects of heterogeneous respondent population
 - What rewards can be substituted for money
 - Intuitive and engaging interfaces
 - Achieving user adoption



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