Organizations:
  – Harvard University
  – Ecole Polytechnique Federale de Lausanne (EPFL)

Lead Investigator:
  – Yiling Chen (Harvard University)

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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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