14th Tinbergen Institute Conference: Bayesian Crowd

Erasmus University Rotterdam, Burg. Oudlaan 50, Theil building, Rotterdam

Time	Monday June 24	
9:00-9:30	Registration + Light breakfast	
9:30-9:50	Welcome: *How to make the most of the Bayesian Crowd conference* Room CB-5	
9:50-11:05	Session 1	
	Parallel 1 A: **Aggregation** *Chair: Benjamin Tereick* *Room C1-5*	Parallel 1 B: **Truthful Reports** *Chair: Naman Goel* *Room C1-6*
	Dennie van Dolder (Vrije Universiteit Amsterdam) *The Wisdom of the Inner Crowd in Three Large Natural Experiments*	Yen-Lin Chiu (Johns Hopkins University, United States) *Online Product Rating with Purchase Data*
	John McCoy (Wharton School - University of Pennsylvania, United States) *A Possible Worlds Model: Some Theoretical Connections*	Yan Xu (Erasmus University Rotterdam) *Top-Flop Betting: An Incentive Mechanism to Elicit Unverifiable Truth*
	Benjamin Tereick (Erasmus University Rotterdam) *The Wisdom of Self-Aggregating Crowds*	Naman Goel (Swiss Federal Institute of Technology (EPFL) Lausanne) *Decentralized Oracles via Peer-Prediction in the Presence of Lying Incentives*
11:05-11:20	Coffee break	

11:20-12:35	Session 2	
	Parallel 2 A: **Weighting Judgments** *Chair: Tina Nane* *Room C1-5*	Parallel 2 B**: Game Theory** *Chair: Peter Katuscak* *Room C1-6*
	Shu Huang (Carnegie Mellon University, United States) *Getting More Wisdom from the Crowd: When Weighting Individual Judgments Reliably Improves Accuracy or Just Adds Noise*	Leonard Wolk (Vrije Universiteit Amsterdam) *Proportional-Prize Contests to Predict Future Events: Does Group Size Matter?*
	Klaus Nehring (University of California, Davis, United States) *Weighing Experts, Weighing Sources: The Diversity Value*	Vessela Daskalova (Institute for Advanced Study in Toulouse, Toulouse School of Economics) *Categorization and Coordination*
	Tina Nane (Technical University Delft) *A Cross-Validation Study of Experts' Judgments Using the Classical Model*	Peter Katuscak (Aachen University) *Strategy-proofness Made Simpler*
12:35-13:35	Lunch	
13:35-14:35	**Keynote 1**	
	Boi Faltings (École Polytechnique Fédérale de Lausanne) *Game-Theoretic Mechanisms for Eliciting Truthful Information* Chair: Hrvoje Sikic Room CB-5	
14:35-14:40	Break	
14:40-15:55	Session 3	
	Parallel 3 A: **Aggregating Probabilities** *Chair: Taisuke Imai* *Room C1-5*	Parallel 3 B: **Social Learning** *Chair: Giacomo Lanzani* *Room C1-6*
	Juntao Wang (Harvard University, United States) *A Bayesian Agent Model to Explain Why We Shall Use Logit Aggregation*	Ines Lindner (Vrije Universiteit Amsterdam) Naive Learning in Social Networks with Random Communication
	Robert Mislavsky (Johns Hopkins University, United States) *Combining Probability Forecasts: 60% and 60% Is 60%, but Likely and Likely Is Very Likely*	Ville Satopaa (INSEAD) *Shepherding the Herd*
	Taisuke Imai (Ludwig Maximilian University of Munich) *Dynamics of Nonlinear Probability Weighting in In-play Horse Race Betting*	Giacomo Lanzani (Massachusetts Institute of Technology, United States) *Robust Opinion Aggregation and its Dynamics*

15:55- 16:15	Coffee break
16:15-17:30	Session 4

Parallel 4 A: **Incentivized Crowds** *Chair: Robert Schmidt* *Room C1-5*	Parallel 4 B: **Errors in Forecasting** *Chair: Emily Haisley* *Room C1-6*
Tong Wang (Erasmus University Rotterdam) *Follow the Money: Bayesian Markets to Extract Crowd Wisdom*	Florian Peters (University of Amsterdam) *Measuring Biases in Expectation Formation*
Cem Peker (Erasmus University Rotterdam) *Extending Prediction Markets to Elicit Counterfactual Beliefs*	Teresa Bago d'Uva (Erasmus School of Economics) *A New Decomposition of the Brier Score with an Application to Individual Subjective Survival Probabilities*
Robert Schmidt (Heidelberg University) *Using Coordination on Probabilities as an (Incentivized) Crowd Wisdom Device*	Emily Haisley and Shweta Agarwal (BlackRock Inc., United States) *Reading Trade Diaries*

Time	Tuesday June 25
9:00-9:30	Light breakfast
9:30-10:30	**Keynote 2**
	Anna Dreber Almenberg (Stockholm School of Economics) *Which Results Can We Trust? Combining Replications and Prediction Markets to Estimate the Reproducibility of Scientific Results* Chair: Owen O'Donnell Room CB-5
10:30-10:50	Coffee Break
10:50-12:05	Session 5

Parallel 5 A: **Expert Selection** *Chair: Stefan M. Herzog* *Room C1-5*	Parallel 5 B: **Biases in Beliefs** *Chair: Chen Li* *Room C1-6*
Ville Satopaa (INSEAD) *Expert Selection Within a Single Prediction Problem*	Tanjim Hossain (University of Toronto, Canada) *Belief Correlation with Signal Correlation*
Ying Han (Fordham University, United States) *A Quantile Method for Evaluation of Aggregated Forecasts*	Alexander Coutts (Nova School of Business and Economics) *No One to Blame: Biased Belief Updating without Attribution*
Stefan M. Herzog (Max Planck Institute for Human Development) *How to Detect High-Performing Individuals and Groups: Decision Similarity Predicts Accuracy*	Chen Li (Erasmus University Rotterdam) *Signal Perception and Belief Updating*

Time	
12:05-13:15	Lunch
13:15-14:30	Session 6

Parallel 6 A: **Social Influence** *Chair: Mark Himmelstein* *Room C1-5*	Parallel 6 B: **Eliciting Beliefs** *Chair: Severine Toussaert* *Room C1-6*
Huihui Ding (University of Cergy-Pontoise) *Does Deliberation Improve the Reliability of Epistemic Democracy?*	Elias Tsakas (Maastricht University) *Robust Scoring Rules*
Helge Klapper (Rotterdam School of Management) *Organizational Decision Making: When Is Social Influence Useful?*	Thomas de Haan (University of Bergen) *Eliciting Entire Belief Distributions Using a Random Partitioning of the State Space*
Mark Himmelstein (Fordham University, United States)	Severine Toussaert (University of Oxford)

	Receptiveness to Advice from Humans, Algorithmic Models and Ensembles in Forecasting	*Measuring Sophistication about One's Future Self: A Comparison of Methods*

14:30-14:40	Break

14:40-15:55	Session 7

	Parallel 7 A: **Aggregation 2** *Chair: Ville Satopaa* *Room C1-5*	Parallel 7 B: **Bayesian Truth Serum** *Chair: Sonja Radas* *Room C1-6*
	Paul Koster (Vrije Universiteit Amsterdam) *The Economics of Participatory Value Evaluation*	Jens Witkowski (Frankfurt School of Finance & Management) *The Robust Bayesian Truth Serum*
	Juntao Wang (Harvard University, United States) *Aggregation via Peer Assessment*	Yanwei Jia (National University of Singapore) *Crowd Wisdom and Prediction Markets*
	Ville Satopaa (INSEAD) *A Default Bayesian Aggregator of Experts' Predictions*	Sonja Radas (Institute of Economics Zagreb) *Uncovering Reliable Respondents: An Application of Bayesian Truth Serum*

15:55-16:15	Coffee break

16:15-17:15	**Keynote 3**
	David V. Budescu (Fordham University, United States) *The Wisdom of Forecasting Teams* Chair: Peter Wakker Room CB-5
17:15-17:45	Closing remarks Room CB-5

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