

Preliminary Program

14th Tinbergen Institute Conference: Bayesian Crowd

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

Time	Monday June 24	
8:30-9:00	Registration + Light breakfast	
9:00-9:20	Welcome	
9:20-10:35	Session 1	
	Parallel 1 A: Aggregation Dennie van Dolder (Vrije Universiteit Amsterdam) <i>The Wisdom of the Inner Crowd in Three Large Natural Experiments</i> John McCoy (Wharton School - University of Pennsylvania, United States) <i>A possible worlds model: some theoretical connections</i> Benjamin Tereick (Erasmus University Rotterdam) <i>The Wisdom of Self-Aggregating Crowds</i>	Parallel 1 B: Truthful reports Yen-Lin Chiu (Johns Hopkins University) <i>Online Product Rating with Purchase Data</i> Yan Xu (Erasmus University of Rotterdam) <i>Top-Flop Betting: An incentive mechanism to elicit unverifiable truth</i> Naman Goel (Swiss Federal Institute of Technology (EPFL) Lausanne) <i>Decentralized Oracles via Peer-Prediction in the Presence of Lying Incentives</i>
10:35-10:55	Coffee break	
10:55-12:10	Session 2	
	Parallel 2 A: Weighting judgments Shu Huang (Carnegie Mellon University, United States) <i>Getting More Wisdom from the</i>	Parallel 2 B: Game theory Leonard Wolk (Vrije Universiteit Amsterdam) <i>Proportional-prize contests to</i>

	<p><i>Crowd: When Weighting Individual Judgments Reliably Improves Accuracy or Just Adds Noise</i></p> <p>Klaus Nehring (University of California, Davis, United States) <i>Weighing Experts, Weighing Sources: The Diversity Value</i></p> <p>Tina Nane (Technische Universiteit Delft) <i>A cross-validation study of experts' judgments using the Classical Model</i></p>	<p><i>predict future events: Does group size matter?</i></p> <p>Vessela Daskalova (Institute for Advanced Study in Toulouse, Toulouse School of Economics) <i>Categorization and Coordination</i></p> <p>Peter Katuscak (Aachen University) <i>Strategy-proofness Made Simpler</i></p>
12:10-13:30	Lunch	
13:30-14:30	Keynote 1	
	Boi Faltings (École Polytechnique Fédérale de Lausanne) <i>Game-theoretic mechanisms for eliciting truthful information</i>	
14:30-14:40	Break	
14:40-15:55	Session 3	
	<p>Parallel 3 A: Aggregating probabilities</p> <p>Juntao Wang (Harvard University, United States) <i>A Bayesian agent model to explain why we shall use logit aggregation</i></p> <p>Robert Mislavsky (Johns Hopkins University, United States) <i>Combining Probability Forecasts: 60% and 60% Is 60%, but Likely and Likely Is Very Likely</i></p> <p>Taisuke Imai (Ludwig Maximilian University of Munich) <i>Dynamics of Nonlinear Probability Weighting in In-play Horse Race Betting</i></p>	<p>Parallel 3 B: Social learning</p> <p>Ines Lindner (Vrije Universiteit Amsterdam) <i>Naive learning in social networks with random communication</i></p> <p>Ville Satopaa (INSEAD) <i>Shepherding the Herd</i></p> <p>Giacomo Lanzani (Massachusetts Institute of Technology, United States) <i>Robust Opinion Aggregation and its Dynamics</i></p>
15:55- 16:15	Coffee break	
16:15-17:30	Session 4	

	<p>Parallel 4 A: Incentivized crowds</p> <p>Tong Wang (Erasmus University Rotterdam) <i>Follow the Money: Bayesian Markets to Extract Crowd Wisdom</i></p> <p>Cem Peker (Erasmus University Rotterdam) <i>Peer betting markets to aggregate beliefs on counterfactuals</i></p> <p>Robert Schmidt (Heidelberg University) <i>Using Coordination on Probabilities as an (Incentivized) Crowd Wisdom Device</i></p>	<p>Parallel 4 B: Errors in forecasting</p> <p>Simas Kucinskas (University of Amsterdam) <i>Measuring Biases in Expectation Formation</i></p> <p>Teresa Bago d'Uva (Erasmus School of Economics) <i>A new decomposition of the Brier Score with an application to individual subjective survival probabilities</i></p> <p>Emily Haisley (BlackRock Inc., United States) <i>Reading Trade Diaries</i></p>
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Time Tuesday June 25

9:00-9:30	Light breakfast	
9:30-10:30	Keynote 2	
	<p>Anna Dreber Almenberg (Stockholm School of Economics) <i>Which results can we trust? Combining replications and prediction markets to estimate the reproducibility of scientific results</i></p>	
10:30-10:50	Coffee Break	
10:50-12:05	Session 5	
	<p>Parallel 5 A: Expert selection</p> <p>Asa Palley (Indiana University, United States) <i>Expert Selection Within a Single Prediction Problem</i></p> <p>Stefan M. Herzog (Max Planck Institute for Human Development) <i>How to detect high-performing individuals and groups: Decision similarity predicts accuracy</i></p>	<p>Parallel 5 B: Biases in beliefs</p> <p>Tanjim Hossain (University of Toronto) <i>Belief Correlation with Signal Correlation</i></p> <p>Alexander Coutts (Nova School of Business and Economics) <i>No one to blame: Biased belief updating without attribution</i></p>

		Chen Li (Erasmus University Rotterdam) <i>Signal Perception and Belief Updating</i>
12:05-13:15	Lunch	
13:15-14:30	Session 6	
	<p>Parallel 6 A: Social influence</p> <p>Huihui Ding (University of Cergy-Pontoise) <i>Does deliberation improve the reliability of epistemic democracy?</i></p> <p>Helge Klapper (Rotterdam School of Management) <i>Organizational Decision Making: When Is Social Influence Useful?</i></p> <p>Mark Himmelstein (Fordham University, United States) <i>Receptiveness to advice from humans, algorithmic models and ensembles in forecasting</i></p>	<p>Parallel 6 B: Eliciting beliefs</p> <p>Elias Tsakas (Maastricht University) <i>Robust scoring rules</i></p> <p>Thomas de Haan (University of Bergen) <i>Eliciting entire belief distributions using a random partitioning of the state space</i></p> <p>Severine Toussaert (University of Oxford) <i>Measuring sophistication about one's future self: A comparison of methods</i></p>
14:30-14:40	Break	
14:40-15:55	Session 7	
	<p>Parallel 7 A: Aggregation 2</p> <p>Paul Koster (Vrije Universiteit Amsterdam) <i>The economics of participatory value evaluation</i></p> <p>Juntao Wang (SEAS, Harvard University) <i>Aggregation via Peer Assessment</i></p> <p>Ville Satopaa (INSEAD) <i>A Default Bayesian Aggregator of Experts' Predictions</i></p>	<p>Parallel 7 B: BTS</p> <p>Jens Witkowski (Frankfurt School of Finance & Management) <i>The Robust Bayesian Truth Serum</i></p> <p>Yanwei Jia (National University of Singapore) <i>Crowd Wisdom and Prediction Markets</i></p> <p>Sonja Radas (Institute of Economics Zagreb) <i>Uncovering Reliable Respondents: An Application of Bayesian Truth Serum</i></p>
15:55-16:15	Coffee break	

16:15-17:15 **Keynote 3**

David V. Budescu (Fordham University, United States)
The Wisdom of Forecasting Teams

17:15-17:30 Closing



European Research Council
Established by the European Commission

ERC Starting Grant 638408 – BayesianMarkets