



SÅBE IAREP

47th International Conference,

Nice, 7-10 June 2023

DETAILED PROGRAM

Conference schedule

Wednesday 7 June	Thursday 8 June	Friday 9 June	Saturday 10 June
8h00-10h15: ECR Workshop	9h00-10h30: The Kahneman lecture: Dilip Soman	9h00-10h30: The Simon lecture: Eliana La Ferrara	9h00-10h00: SABE GENERAL ASSEMBLY
10h15-10h40: Coffee break	10h30-10h50: Coffee break	10h30-10h50: Coffee break	10h-11h: IAREP GENERAL ASSEMBLY
10h40-11h50: ECR Workshop	10h50-12h30: Thematic Sessions #1 (9 Parallel + 1 special session)	10h50-12h30: Thematic Sessions #4 (8 Parallel + 1 special session)	11h-11h20: Coffee break
11h50-13h05: Lunch break	12h30 - 14h00: Lunch break + Poster Session	12h30 - 14h00: Lunch break	11h20-13h00: Thematic Sessions #6 (7 Parallel sessions)
13h05-14h20: ECR Workshop	14h00-15h40: Thematic Sessions #2 (9 Parallel + 1 special session)	14h00-15h40: Thematic Sessions #5 (9 Parallel + 1 special session)	13h00 - 14h30: Lunch break
14h20-15h20: Round table - Emotion and Decision Making	15h40-16h00: Coffee break	15h40-16h00: Coffee break	14h30-16h10: Thematic Sessions #7 (7 Parallel sessions)
15h20-16h30: Coffee break	16h00-17h40: Thematic Sessions #3 (9 Parallel + 1 special session)	16h00-17h30: Keynote lecture: Martin Dufwenberg	
16h30-17h0: Welcome address			
17h00-18h30: Keynote lecture: George Loewenstein			
18h30-20h00: Welcome drink EUR ELMI Square		17h30-18h30: JoEP Meet the Editors & Fred van Raaij Best paper	
		From 19h30 Gala Dinner Palais de la Méditerranée	

Wednesday, 7 June 2023

8h00 - 10h15 | IAREP Early Career Researcher Workshop | Amphi 1

- 8h00 - 8h35 | **Welcoming**
- 8h35 - 9h25 | **Cooperation & Effort Game**
 - 8h35 | Marietta Leina Andrea | *Cooperation in the helping game: Image scoring or good standing?*
 - 9h00 | Tena Estrada Blanca | *Influence of Unconditional Endowments and Sharing Opportunity in the Performance of Effort Tasks: A Lab-in-the-Field Experiment on UBI with Unemployed*
- 9h25 - 10h15 | **Digital Economics**
 - 9h25 | Mayer Bernadette | *Tell me your decision preference and I know if you'll take the advice - Findings of advice source, trust and decision preference on advice-taking in the era of AI support*
 - 9h50 | Mathieu Chevrier | *Algorithm Credulity, Human and Algorithmic Advice in Prediction Experiments*

10h15 - 10h40 (Coffee break)

10h40 - 11h50 | IAREP Early Career Researcher Workshop | Amphi 1

- 10h40 - 11h50 | **Public policy**
 - 10h40 | Shabrina Zafira | *Psychological Determinants of Financial Planning for Retirement: A Study of British Self-employed Workers*
 - 11h00 | Laura Krumm | *Understanding the relationship between pro-environmental behavior and life satisfaction: The role of environmental impact, environmental intentionality, and personal cost*
 - 11h25 | Upravitelev Alexey | Long-run Impact of Serfdom on Local Collective Action in Rural Russia

11h50 - 13h05 (Lunch break)

13h05 - 14h20 | IAREP Early Career Researcher Workshop | Amphi 1

- 13h05 - 14h20 | **Norms & Beliefs**
 - 13h05 | Gagliardi Lorenzo | *The role of cognitive biases in conspiracy beliefs*
 - 13h30 | Turrini Enya | *Do Social Norms Explain Unethical Behaviors in the Workplace?*

- o 13h55 | Reinson Heidi | *Double jeopardy in retirement savings: Risk-seeking individuals with low trust in central bank and low educational background are less likely to save regularly and more likely to withdraw early*

14h20 - 15h20 | Round table-Emotion and Decision Making (George Loewenstein, Astrid Hopfensitz, Brice Corgnet) | Amphi 1

15h20 - 16h30 (Coffee break)

16h30 - 17h00 | Welcome address by Jeanick Brisswalter, President of Université Côte d'Azur | Amphi 1

17h00-18h30 | Keynote lecture: George Loewenstein - Land, labor, capital and.. ATTENTION (The economics of Attention) | Amphi 1 | [Abstract](#)

18h30-20h00 | Welcome drink | EUR ELMI square

Thursday, 8 June 2023

9h00-10h30 | **The Kahneman lecture: Dilip Soman - Behavioural Science at Scale** | Amphi 1 | [Abstract](#)

10h30 - 10h50 (*Coffee break*)

10h50 - 12h30 | **Thematic Sessions #1**

- **1.1. Behavioral Public Policy 1** | Room 203
 - 10h50 | Altman Morris | *Bounded rationality, smart decision-making, and public policy* | [Abstract](#)
 - 11h10 | Saulitis Andris | *Would You Nudge? A Field Experiment on the Effect of Behaviourally-Informed Messages on Enhancing Recycling Habits in Latvia* | [Abstract](#)
 - 11h30 | Tor Avishalom | *When Should Governments Invest More in Nudging? Revisiting Benartzi et al. (2017)* | [Abstract](#)
 - 11h50 | Réka Heim | *Nudging and RCTs in finance: A review of recent literature* | [Abstract](#)
- **1.2. Environment 1** | Room 209
 - 10h50 | Timmons Shane | *Pre-Testing a Greenwashing Literacy Intervention* | [Abstract](#)
 - 11h10 | Buljat Raymond Barbara | *Reducing the Psychological Distance of Plastic Pollution: How Convincing is Augmented Reality?* | [Abstract](#)
 - 11h30 | Kirschner Julian | *Will you thank yourself for saving the planet? Connectedness to one's future self and pro-environmental behaviour* | [Abstract](#)
 - 11h50 | Korzeniewicz Mariza Bethanya | *Can Religion Affect Pro-Environmental Behaviour? A panel data analysis using World Values Survey from 1995 to 2022* | [Abstract](#)
 - 12h10 | Malthouse Eugene | *Climate Change Adaptation vs. Mitigation Across Cultures in the Collective Risk Social Dilemma* | [Abstract](#)
- **1.3. Decision Making 1** | Room 211
 - 10h50 | Lotito Gianna | *Testing Source Influence on Ambiguity Reaction and Insensitivity* | [Abstract](#)
 - 11h10 | Sun Yujiang | *Givings under background risk: An experimental study* | [Abstract](#)
 - 11h30 | Alfonso Antonio | *Virtual Paper Pilots: An Online Experiment on Decision-Making Under Risk and Ambiguity* | Abstract

- 11h50 | Lyons Angela | *A multidimensional approach to measuring the risk tolerance of households in China* | [Abstract](#)
- **1.4. Emotion & Personality 1** | Room 232
 - 10h50 | Cristian Daniela, Acar-Burkay Sinem | *Dark Personality Traits and Cryptocurrency Ownership* | [Abstract](#)
 - 11h10 | Houdek Petr | *Benevolent Machiavellianism: A Study Of The Nature Of Prosocietal Political Skills In Organizations* | [Abstract](#)
 - 11h30 | Hoyer Karlijn | *Tempted to take a gamble: Dispositional Greed and Domain-Specific Risk-Taking* | [Abstract](#)
 - 11h50 | Atarodi Siavash | *Negative Emotions Management Among Entrepreneurship Trainers: An Exploratory Study* | [Abstract](#)
 - 12h10 | Xiong Wenxin | *The role of Emotions in Predicting Preferences* | [Abstract](#)
- **1.5. Gender biases, inequalities and discriminations 1** | Room 305
 - 10h50 | Ciucani Carlo | *Gender Bias and STEM Education in Italy: Investigating the Role of Competitiveness and Teacher Biases* | [Abstract](#)
 - 11h10 | Pleace Michelle | *Would I work in this team again? The role of team gender composition and gender perceptions in willingness to work in a team* | [Abstract](#)
 - 11h30 | Annalisa Cristini | *Gender stereotypes and children's performance in elementary school* | [Abstract](#)
 - 11h50 | Janowska-Widomska Patrycja | *The obstinacy of gender stereotypes. Evidence from the Found-in-Translation Task* | [Abstract](#)
 - 12h10 | Lara Többen | *We Are Unequal, Yet Still We Trust – Perceived Economic Inequality Does Not Decrease Interpersonal Trust* | [Abstract](#)
- **1.6. Social preferences 1** | Room 309
 - 10h50 | Bayle Gabriel | *The approval mechanism with delegation: An experiment on CPR extractions* | [Abstract](#)
 - 11h10 | Bonein Aurélie | *Depletion of willpower and cooperation in a public good game* | [Abstract](#)
 - 11h30 | Krishna Vinay | *Transfer of Conflict Adaptation Effect in economic decision making* | [Abstract](#)
 - 11h50 | Le Lec Fabrice | *Investigating Social Preferences through Choices over Menus* | [Abstract](#)
 - 12h10 | Puzon Klarizze Anne | *Social antagonism, identity-driven beliefs, and loss avoidance: Evidence from Guinea* | [Abstract](#)

- **1.7. Finance 1** | Room 402
 - 10h50 | Lussange Johann | *Modelling stock markets by multi-agent reinforcement learning* | [Abstract](#)
 - 11h10 | Medyanik Olga, Medyanik Stanislav | *Behavioral strategies of financial services consumers in the context of cyberbullying* | [Abstract](#)
 - 11h30 | Hoelzl Erik | *Overreactions to income shocks: Windfalls, downturns, and self-control* | [Abstract](#)
 - 11h50 | Mustafazade Sara | *Market volatility and investor behavior towards green, brown, and neutral assets* | [Abstract](#)
 - 12h10 | Roy Nilanjan | *How Dark Trading Harms Financial Markets?* | [Abstract](#)
- **1.8. AI** | Room 405
 - 10h50 | Niszczota Paweł | *Robo-advisors for the masses? Insights from financial and risk literacy tests of large language models (GPT-3.5)* | [Abstract](#)
 - 11h10 | Mayer Bernadette | *Tell me your decision preference and I know if you'll take the advice - Findings of advice source, trust and decision preference on advice-taking in the era of AI support* | [Abstract](#)
 - 11h30 | Plonsky Ori | *Predicting human decisions with behavioral theories and machine learning* | [Abstract](#)
 - 11h50 | Protte Marius | *Coproduction for algorithm adherence in AutoML applications* | [Abstract](#)
 - 12h10 | Chevrier Mathieu | *Algorithm Credulity, Human and Algorithmic Advice in Prediction Experiments* | [Abstract](#)
- **1.9. Varia 1** | Room 409
 - 10h50 | Sator Georg | *Social influence on moral judgements* | [Abstract](#)
 - 11h10 | Andrieu Clement F. A. | *Experimentally Investigating the Role of Voice Non-Endorsement Over Time: Implications for Innovation in Organizations* | [Abstract](#)
 - 11h30 | Burdea Valeria | *I'm sorry if you are: The risk of apologizing first* | [Abstract](#)
 - 11h50 | Oestbye Stein | *The Place: A mixed-method cross-cultural approach to Social Capital* | [Abstract](#)
 - 12h10 | Tsaban Shay | *Corporate Happiness Responsibility (CHR) Changing the Role of Corporations for a Greater Good* | [Abstract](#)
- **1.10. Wellbeing and Policy 1 (Special session)** | Room 302
 - 10h50 | Czap Natalia V. | *Wellbeing and Policy: An Overview* | [Abstract](#)
 - 11h10 | Czap Hans J. | *Environmental quality, climate change and wellbeing* | [Abstract](#)

- 11h30 | Briguglio Marie | Housing, Neighborhood, and Wellbeing | [Abstract](#)
- 11h50 | Krulichová Eva | *Crime and Wellbeing* | [Abstract](#)

12h30 - 14h00 (*Lunch break + Poster Session*)

14h00 - 15h40 | Thematic Sessions #2

- **2.1. Health 1** | Room 203
 - 14h00 | Ó Ceallaigh Diarmuid | *Moving from intention to behavior: A randomized controlled trial of an app-based physical activity intervention (i2be)* | [Abstract](#)
 - 14h20 | Barjaková Martina | *Experimental investigations of judgements about combined health risks* | [Abstract](#)
 - 14h40 | Poluektova Olga | *Trust in Cervical Screening and Attributions of Blame for Interval Cancers Following a National Screening Controversy* | [Abstract](#)
 - 15h00 | Zaleskiewicz Tomasz | *Mental imagery in tandem with emotions predict people's willingness to take risks* | [Abstract](#)
 - 15h20 | Ismaël Rafai | *Individual Valuation of Artificial Intelligence Diagnosis for Neurodegenerative Diseases: A Discrete Choice Experiment on a Representative Sample* | [Abstract](#)
- **2.2. Environment 2** | Room 209
 - 14h00 | Mussio Irene | *Cooperation mechanisms to improve water quality: an environmental excercise in the Mekong River Delta* | [Abstract](#)
 - 14h20 | Acar-Burkay Sinem | *Incentivizing consumers to recycle their plastic waste? A field study of various incentive interventions to promote plastic recycling* | [Abstract](#)
 - 14h40 | Van 't Veld Klaas | *Ethical Consumption: Warm Glow or Cold Prickle?* | [Abstract](#)
 - 15h00 | Vinchurkar Subodh | *Warm glow, personal norms, and pro-environment behaviour: evidence from a field trial* | [Abstract](#)
 - 15h20 | Lades Leonhard | *Anomalies or Expected Behaviors? Understanding Stated Preferences and Welfare Implications in Light of Contemporary Behavioral Theory* | [Abstract](#)
- **2.3. Decision Making 2** | Room 211
 - 14h00 | Garagnani Michele | *Why Is Choice Stochastic?* | [Abstract](#)
 - 14h20 | Mondal Supratik | *Recurring suboptimal choices result in superior decision making* | [Abstract](#)
 - 14h40 | Xu Yan | *Revealed Randomization with Loss* | [Abstract](#)

- 15h00 | Alexis Belianin | *Experimental estimation of thresholds utility functions* | [Abstract](#)
- **2.4. Information & Cognition 1** | Room 232
 - 14h00 | Flörchinger Daniela | *Avoiding Cognitive Dissonance: Evidence on Sustainable Consumption* | [Abstract](#)
 - 14h20 | Bopp Fabian | *Still Turning a Blind Eye After Describing Your Ends And Means? An Experimental Study* | [Abstract](#)
 - 14h40 | McGowan Féidhlim | *Salience and Status: A Natural Experiment on Car Licence Plates in the UK and Ireland* | [Abstract](#)
 - 15h00 | Cristian Daniela | *Carpe Diem! Hedonic Consumption Reduces the Consideration of Sunk Costs* | [Abstract](#)
 - 15h20 | Gasiorowska Agata | *Can't buy me love? Attachment, status seeking and competition* | [Abstract](#)
- **2.5. Honesty 1** | Room 305
 - 14h00 | Kościelniak Maciej | *The Effectiveness of Moral Reminders in Preventing Academic Dishonesty* | [Abstract](#)
 - 14h20 | Peer Eyal | *Honesty pledges: The effects of involvement and identification over time* | [Abstract](#)
 - 14h40 | Siniver Erez | *Groceries Delivered By Mistake: An Experimental Study of Customers' Honesty* | [Abstract](#)
 - 15h00 | Elbaek Christian | *A scarcity mindset does not influence economic cheating across or between social classes* | [Abstract](#)
- **2.6. Psychological Game Theory** | Room 309
 - 14h00 | Cheikbossian Guillaume | *Productive and destructive group contests: An experimental investigation* | [Abstract](#)
 - 14h20 | Gil Gallen Sara | *The enemy of my enemy: Competitive framing in repeated prisoner's dilemmas* | [Abstract](#)
 - 14h40 | Spiliopoulos Leonidas | *On the evolution of heuristics and bounded rational behavior in random games* | [Abstract](#)
 - 15h00 | Stanek Rostislav | *Can cheap talk mitigate the Hobbesian trap?* | [Abstract](#)
 - 15h20 | Rimbaud Claire | *Belief and Ingroup Favoritism in Children* | [Abstract](#)
- **2.7. Financial literacy 1** | Room 402
 - 14h00 | Fumagalli Laura | *Investigating the role of debt advice on borrowers' well-being: An encouragement study on a new sample of over-indebted people in Britain* | [Abstract](#)
 - 14h20 | Katav Herz Shirit | *The effect of inequality on the individual's decision regarding credit consumption* | [Abstract](#)

- 14h40 | Coelho Filipe, Pereira Maria, Bairrada Cristela | *Trait affect, financial literacy, and household financial management* | [Abstract](#)
 - 15h00 | Lea Stephen | *Financial literacy, love of money, and socioeconomic status in three countries* | [Abstract](#)
 - 15h20 | Darriet Elisa | *Social representations of the euro and inflation expectations: French students' perception* | [Abstract](#)
- **2.8. Sport** | Room 405
 - 14h00 | Altman Hannah | *Is There a Beauty or Sexiness Effect in the Health and Fitness Industry? A Lab Based Experiment* | [Abstract](#)
 - 14h20 | Malcman Merav, Mosi Rosenboim, Ori Boujo | *Young Athletes and Time preferences* | [Abstract](#)
 - 14h40 | Morgulev Elia | *Fighting with their back to the wall in NBA playoffs: An analysis of performance under varied incentives* | [Abstract](#)
 - 15h00 | Kotrba Vojtech | *Performance under pressure in Mixed Martial Arts with a focus on gender differences* | [Abstract](#)
- **2.9. Varia 2** | Room 409
 - 14h00 | Karma Kadri | *Substance For Organizational Culture: The European Country Clusters* | [Abstract](#)
 - 14h20 | Grignani Maddalena | *Crises and Political Polarization: Towards a Better Understanding of the Timing and Impact of Shocks and Media* | [Abstract](#)
 - 14h40 | Hassan Yusuf | *Antecedents of organizational identification in Hoteliers: The role of perceived economic mobility, organizational support and psychological entitlement* | [Abstract](#)
 - 15h00 | Hassan Yusuf | *Engaging the Heart, Mind and Money of Job Seekers: Authenticity and Economic Mobility Shaping Organizational Attractiveness* | [Abstract](#)
 - 15h20 | Heine Florian | *Multi-Winner Auctions with Performance Obligation* | [Abstract](#)
- **2.10. Wellbeing and Policy 2 (Special session)** | Room 302
 - 14h00 | Nichols Tanner | *Altruism, Empathy, and Wellbeing* | [Abstract](#)
 - 14h20 | García-Muñoz Teresa | *Religion, Spirituality, and Wellbeing: Can Spiritual/Religious Practice Improve Individual Wellbeing?* | [Abstract](#)
 - 14h40 | Kirienko Alexandra | *Work and Wellbeing* | [Abstract](#)

15h40 - 16h00 (Coffee break)

16h00 - 17h40 | Thematic Sessions #3

- **3.1. Behavioral Public Policy 2 | Room 203**
 - 16h00 | Dold Malte | *Individual Agency in Behavioral Public Policy: The 'New' Knowledge Problem* | [Abstract](#)
 - 16h20 | Fischer Mira | *Does Public Support for Default Policies Depend on Narratives about Psychological Causation of Behavior?: Representative Evidence from Germany* | [Abstract](#)
 - 16h40 | Mats Ekman | *When do Default Nudges Work?* | [Abstract](#)
 - 17h00 | Petrushevska Maja | *Nudging Corporate Compliance and Integrity* | [Abstract](#)
 - 17h20 | Pinel Harriet | *Applying nudges in workplaces: a systematic review* | [Abstract](#)
- **3.2. Tax policy 1 | Room 209**
 - 16h00 | Batrancea Larissa | *Tax Climate Global Index (TCGI): A Metric of the Interactions Between Authorities, Taxpayers and Peers* | [Abstract](#)
 - 16h20 | Ponds Eduard | *Explaining the valuation of annuities and lumpsum options* | [Abstract](#)
 - 16h40 | Reinson Heidi | *Double jeopardy in retirement savings: Risk-seeking individuals with low trust in central bank and low educational background are less likely to save regularly and more likely to withdraw early* | [Abstract](#)
 - 17h00 | Shabrina Zafira | *Psychological Determinants of Financial Planning for Retirement: A study of British self-employed workers* | [Abstract](#)
- **3.3. Consumer behavior 1 | Room 211**
 - 16h00 | Angelova Vera | *Online Ratings for Credence Goods: Experimental Evidence* | [Abstract](#)
 - 16h20 | Azar Ofer | *Relative thinking with substitute goods: Does it exist with real choices?* | [Abstract](#)
 - 16h40 | Bouhlel Imen | *Modelling innovation diffusion using non-monotonic percolation* | [Abstract](#)
 - 17h00 | Staropoli Carine | *Pricing, cognitive bias and transport mode choice : new evidences from the Lab* | [Abstract](#)
 - 17h20 | Mir Djawadi Behnud | *Accounting for Heuristics in Reputation Systems: An Interdisciplinary Approach on Aggregation Processes* | [Abstract](#)
- **3.4. Emotion & Personality 2 | Room 232**
 - 16h00 | Clément Staner | *Frustration and motivation* | [Abstract](#)

- 16h20 | Reuscher Tom Frank | *Social Gaze in Team Cooperation: A Multiparty Eye Tracking Study* | [Abstract](#)
 - 16h40 | Schwebach Robert | *Decoding the Effects of Managerial Overconfidence on Stock Market Signals* | [Abstract](#)
 - 17h00 | Barokas Guy | *Status-quo bias is the leading biovular factor in predicting happiness* | [Abstract](#)
 - 17h20 | Jia Li | *Household Wealth Accumulation in China: Personality Matters!* | [Abstract](#)
- **3.5. Gender biases, inequalities and discriminations 2** | Room 305
 - 16h00 | Bello Piera | *Similarity in Research Interests and Female Representation in Academia* | [Abstract](#)
 - 16h20 | Baghumyan Gayane | *Taste-based Discrimination against Sexual Minorities: Evidence from an Information Provision Experiment* | [Abstract](#)
 - 16h40 | Herzog Sabrina | *Who is in favor of affirmative action?* | [Abstract](#)
 - 17h00 | Lambi Yvette | *Affirmative Action: Within-group inequality in competitive environments* | [Abstract](#)
 - 17h20 | Robertson Deirdre, Andersson Ylva, Lavin Ciaran, Lunn Pete | *Reducing Blame on Individuals by Putting Obesity in its Historical Context: A Comparison of Perceptions of Obesity in 3 countries* | [Abstract](#)
- **3.6. Social preferences 2** | Room 309
 - 16h00 | Hoffmann Robert | *Social Connectedness Promotes Both Coordination and Cooperation in a Resource Dilemma Experiment* | [Abstract](#)
 - 16h20 | Hoenow Nils Christian | *Cooperation and Anonymity: Does the Revelation of Group Members' Identities Affect Contributions in an Artefactual Public Good Field Experiment?* | [Abstract](#)
 - 16h40 | Marietta Leina Andrea | *Cooperation in the helping game: Image scoring or good standing?* | [Abstract](#)
 - 17h00 | Pagliarani Stefano | *The relationship between money and cooperation: Evidence from economics and psychology* | [Abstract](#)
 - 17h20 | Hoenow Nils Christian | *Wisdom and Prosocial Behavior* | [Abstract](#)
- **3.7. Finance 2** | Room 402
 - 16h00 | Shin Su Hyun, Ji Hyunjung | *Heterogeneity in debt responses to natural disasters based on household resource* | [Abstract](#)
 - 16h20 | Riitsalu Leonore | *Financial well-being is a triad of security, freedom and pleasure. A phenomenological study* | [Abstract](#)

- 16h40 | Barrett Jenna | *The correspondence between objective and subjective financial well-being: Evidence from a nationally representative sample* | [Abstract](#)
- 17h00 | Lahav Eyal | Is It All About the Money? The Trade-Off Between Work-Life Balance Today and Saving for the Future | [Abstract](#)
- 17h20 | Shavit Tal | *Don't be Lazy! Effort as a Pivotal Element for Present and Future Happiness* | [Abstract](#)

- **3.8. Decision making 3 | Room 409**

- 16h00 | Wang Ao | *An Approach to Testing Reference Points* | [Abstract](#)
- 16h20 | Wu Keyu | *Context-dependent perceptions and decision making* | [Abstract](#)
- 16h40 | Kerzenmacher Florian | *Search Costs and Context Effects* | [Abstract](#)
- 17h00 | Louis Lévy-Garboua | *Expected Utility with Doubt: Choice and Valuation* | [Abstract](#)
- 17h20 | Hafeez Saima | *Exploring the Role of Displayed Passion and Product's Usefulness in the funding decisions of the backers* | [Abstract](#)

- **3.9. Varia 3 | Room 405**

- 16h00 | Yurko Anna | *Do you like my politics? Love and war in an online dating experiment* | [Abstract](#)
- 16h20 | Blasco Andrea | *How is the link between public perception of refugees and support for protection policies? Evidence from six EU countries* | [Abstract](#)
- 16h40 | Grieco Daniela | *Attitudes towards refugees and identity* | [Abstract](#)
- 17h00 | Ronzani Piero | *Harmful concomitants: poor mental health, economic fragility and conflict exposure in Palestine* | [Abstract](#)
- 17h20 | Van Steenvoort Milan | *Support for refugees declines when helping groups are asymmetric* | [Abstract](#)

- **3.10. Taxation 1 (Special session) | Room 302**

- 16h00 | Pántya József | *What is happening in Varosia? Trust in and power of governmental authorities as determinants of tax compliance, work motivation and collective action* | [Abstract](#)
- 16h20 | Puklavec Žiga | *Putting the Morality Back in Tax Morale: The Role of Moral Foundations* | [Abstract](#)
- 16h40 | Burgstaller Lilith | *The effect of whistleblowing in a high-evasion environment – The case of undeclared work* | [Abstract](#)
- 17h00 | Mittone Luigi | *Tax policy preferences in an intertemporal setting* | [Abstract](#)

Friday, 9 June 2023

9h00-10h30 | **The Simon lecture: Eliana La Ferrara - Changing Harmful Norms** | Amphi 1 | [Abstract](#)

10h30 - 10h50 (*Coffee break*)

10h50 - 12h30 | **Thematic Sessions #4**

- **4.1. Health 2** | Room 203
 - 10h50 | Gamlie Eyal | *How people judge fairness of allocating scarce health resources to COVID-19 patients? Effects of attribute framing and status-quo bias* | [Abstract](#)
 - 11h10 | Rozzi Roberto, Rasooly Itzhak | *Masks, cameras and social pressure* | [Abstract](#)
 - 11h30 | Áron J. Szászi | *Increasing COVID-19 vaccine uptake with communication treatments: first shots and booster vaccines* | [Abstract](#)
 - 11h50 | Michaud Agnaly | *Information, risk perception and attitudes towards protective measures and vaccination* | [Abstract](#)
- **4.2. Environment 3** | Room 209
 - 10h50 | Antonides Gerrit | *Perception of Pro-environmental Behavior Similarity and Pro-environmental Behavior Spillovers* | [Abstract](#)
 - 11h10 | Briguglio Marie | *The value of the marine environment: a wellbeing perspective* | [Abstract](#)
 - 11h30 | Jana Eßer | *Climate Change and the Covid-19 Pandemic - Testing for Motivated Reasoning* | [Abstract](#)
 - 11h50 | Krumm Laura | *Understanding the relationship between pro-environmental behavior and life satisfaction: The role of environmental impact, environmental intentionality, and personal cost* | [Abstract](#)
 - 12h10 | Martina Maglicic | *The role of inequality in the diffusion of environmentally-friendly products* | [Abstract](#)
- **4.3. Decision Making 4** | Room 211
 - 10h50 | Goossens Jorgo | *Time-varying risk and time preferences: Relation with trading behavior* | [Abstract](#)
 - 11h10 | Skjelbred Siv-Elisabeth | *Present bias and educational choice* | [Abstract](#)
 - 11h30 | Trautmann Stefan | *Grit, Discounting, & Time Inconsistency* | [Abstract](#)

- 11h50 | Findley T. Scott | *Time-Inconsistent Preferences and Savings Policies* | [Abstract](#)
 - 12h10 | Park Hyeon | *Intertemporal loss aversion under borrowing constraint* | [Abstract](#)
- **4.4. Information & Cognition 2** | Room 232
 - 10h50 | Olschewski Sebastian | *What's in a Sample? How Sampling Information Affects Epistemic Uncertainty and Risk-Taking* | [Abstract](#)
 - 11h10 | Alos-Ferrer Carlos | *Errors, Fast and Slow* | [Abstract](#)
 - 11h30 | Szecsi Peter | *Exploring the Impact of Scarcity Salience on Cognitive Performance: Lessons from A Systematic Review, Meta-analysis and an Empirical Study* | [Abstract](#)
 - 11h50 | Lu Siting | *Rational Inattention in Job Matching* | [Abstract](#)
 - 12h10 | Cohen Doron | *Evidence Accumulation in Unimodal and Bimodal Choice Environments: A Sequential Sampling Approach to Decisions from Experience* | [Abstract](#)
- **4.5. Gender biases, inequalities and discriminations 3** | Room 305
 - 10h50 | Fumagalli Elena | *Gender differences in political attitudes. How much is driven by response behavior?* | [Abstract](#)
 - 11h10 | Sen Sonkurt | *Effects of Teacher Gender on Students' Socio-Emotional Skills Development* | [Abstract](#)
 - 11h30 | Rego Anna | *Eloquent silences and access to justice: an assessment of noise in judicial decisions on racism and colorism. A survey of Brazilian civil courts* | [Abstract](#)
 - 11h50 | Braut Beatrice | *Lab vs Online Experiments: Gender Differences* | [Abstract](#)
- **4.6. Social preferences 3** | Room 309
 - 10h50 | Panaccione Luca | *Equity or Efficiency? An Experimental Analysis* | [Abstract](#)
 - 11h10 | Ip Edwin | *Preference for Equality of Opportunity vs Equality of Outcomes: Experimental Evidence* | [Abstract](#)
 - 11h30 | Zeelenberg Marcel | *Disentangling Greed and Self-Interest* | [Abstract](#)
 - 11h50 | Teixeira Rafael | *Paying to Take: Framing Effects, Norms and Crowding-Out of Prosocial Motivation in a Dictator Game* | [Abstract](#)
 - 12h10 | Cashman Matthew | *Self-signaling and quasi-magical thinking in sequential games* | [Abstract](#)
- **4.7. Finance 3** | Room 402
 - 10h50 | Sesini Giulia | *The social representations of money and the economic crisis: a cross-cultural study between US and Italy* | [Abstract](#)

- 11h10 | Armantier Olivier | *Discount Window Stigma with Random Borrowing An Experimental Investigation* | [Abstract](#)
 - 11h30 | Borozan Milos, Iodice Pierpaolo | *Risk attitudes and attentional and decisional dynamics in financial decision-making* | [Abstract](#)
 - 11h50 | Lyons Angela, Kass-Hanna Josephine | *Financial Decisions and Psychometrics Across Age Cohorts in Asian and Non-Asian Countries* | [Abstract](#)
 - 12h10 | Roetheli Tobias | *Expectations and the Demand for Cryptocurrency : A Survey Study* | [Abstract](#)
- **4.9. Varia 4** | Room 405
 - 10h50 | Rascón Ericka | *Improving Enrollment and Learning Through Videos and Mobiles: Experimental Evidence from Northern Nigeria* | [Abstract](#)
 - 11h10 | Somogyi Robert | *Deceptive Features on Platforms* | [Abstract](#)
 - 11h30 | Reichel Friederike | *The Coarseness of Moral Language* | [Abstract](#)
 - 11h50 | Schoeyen Oeivind "evan" | *A Theory of Moral Authority: Moral Choices Under Moral Network Externality* | [Abstract](#)
 - **4.10. Taxation 2 (Special session)** | Room 302
 - 10h50 | Casal Sandro | *Fiscal decentralization, income inequality and tax evasion - An experimental study* | [Abstract](#)
 - 11h10 | Kogler Christoph | *The effect of social norms on information acquisition and tax compliance decisions* | [Abstract](#)
 - 11h30 | Kasper Matthias | *What stimulates pro-social behavior? Institutional design and rule following* | [Abstract](#)
 - 11h50 *Potential new avenues in research on rule following and tax compliance (Discussion)*

12h30 - 14h00 (*Lunch break + Poster Session*)

14h00 - 15h40 | Thematic Sessions #5

- **5.1. Behavioral Public Policy 3** | Room 203
 - 14h00 | Bach Leonie | *Nudging² towards animal welfare – a 2-D virtual supermarket experiment* | [Abstract](#)
 - 14h20 | Bernardic Ursula | *EVAdopt: Increasing Electrical Vehicle Adoption with personalized nudging* | [Abstract](#)
 - 14h40 | Ciccone Alice | *From car ownership to carsharing: the effect of tailored information and framing* | [Abstract](#)
 - 15h00 | Lecourt Mathilde | *Enhancing Domestic Water Conservation Behaviour - A Stratified Randomized Controlled Trial* | [Abstract](#)

- 15h20 | Pfeifer Flora | *Behaviorally-informed Phone Calls Reduce Public Health Appointments' No-Shows in Brazil* | [Abstract](#)

- **5.2. Environment 4** | Room 209

- 14h00 | Helmers Viola | *On the Acceptance of Congestion Charges: Experimental Evidence for six European Countries* | [Abstract](#)
- 14h20 | Hirmas Alejandro | *Learning the value of Eco-Labels: The role of information in sustainable decisions* | [Abstract](#)
- 14h40 | Hofmann Eva | *Fostering the reduction of consumers' energy consumption with the SIMPEA* | [Abstract](#)
- 15h00 | Keller Carina, Zipperle Isabell | *Feeling guilty, afraid or stressed? The role of emotions and physiological stress in action against climate change* | [Abstract](#)

- **5.3. Consumer behavior 2** | Room 211

- 14h00 | Radmard Hossein | *Endowment Effect and Social Comparison Theory* | [Abstract](#)
- 14h20 | Buckenmaier Johannes | *The Determinants of the Disposition Effect* | [Abstract](#)
- 14h40 | Mastenbroek Astrid | *Affordability perceptions of hybrid maize seed in Uganda: Are expectations or endowment (status-quo) driving low willingness to pay?* | [Abstract](#)
- 15h00 | Raeva-Beri Daniela | *What Makes Buyers Pay More: The Role of Touch on Willingness to Pay* | [Abstract](#)
- 15h20 | Rettkowski Vanessa | *The Influence of Price Expectations on the Inaction Inertia Effect* | [Abstract](#)

- **5.4. Information & Cognition 3** | Room 232

- 14h00 | Letrouit Lucie | *The economics of innate rewards* | [Abstract](#)
- 14h20 | Witzig Niklas Maximilian | *Cognitive Imprecision and Altruism* | [Abstract](#)
- 14h40 | Jaworska Diana | *Fear of missing out (FOMO), regret and counterfactual thinking* | [Abstract](#)
- 15h00 | Martin Thomas | *Satisfaction and the potentially misleading power of counter-factual reasoning: a field study set before, during and after the COVID-19 lockdown* | [Abstract](#)
- 15h20 | Post Thomas | *Cognitive constraints, planned savings, and downstream economic behaviors* | [Abstract](#)

- **5.5. Emotion & Personality 3** | Room 305

- 14h00 | Sören Harrs | *Fairness and the Welfare State - What Shapes Polarized Political Ideologies?* | [Abstract](#)

- 14h20 | Litovsky Yana | *Using Curiosity to Counter Health Information Avoidance* | [Abstract](#)
 - 14h40 | Nyhus Ellen K., Otterbring Tobias | *Intentions to invest in crowdfunding: The role of personality traits* | [Abstract](#)
 - 15h00 | Prowse Victoria | *The Creativity Premium* | [Abstract](#)
 - 15h20 | Ramos Sosa Maria Del Pino | *The added value of creativity* | [Abstract](#)
- **5.6. Social preferences 4** | Room 309
 - 14h00 | Hopfensitz Astrid | *The smell of cooperativeness: Do human body odours advertise cooperative behaviours?* | [Abstract](#)
 - 14h20 | Chuah Swee-Hoon | *So White Saviour Perceptions Reduce Charitable Donations?* | [Abstract](#)
 - 14h40 | Helka Anna M. | *Getting into debt for others - the scale of the phenomenon, reasons and consequences for well-being* | [Abstract](#)
 - 15h00 | Kósa Livia | *Redistributive preferences are resistant to information about the income of the richest 1%* | [Abstract](#)
 - 15h20 | Guvuro Sevias | *Social discounting and dynamic underlying differences in altruistic behaviour: A comparison of laboratory and field subjects in South Africa* | [Abstract](#)
- **5.7. Finance 4** | Room 409
 - 14h00 | Kamal Smimou | *Behavioral Congruence and Team-based Trading* | [Abstract](#)
 - 14h20 | Reiter Miranda | *Gender and the Likelihood to Take a Financial Planner's Advice* | [Abstract](#)
 - 14h40 | Katarzyna Sekścińska | *Risky Financial Choices: the role of power and optimism (general and financial)* | [Abstract](#)
 - 15h00 | Rosso Vagner, Muñoz-Pascual Lucía, Galende Jesús | *Financial Problems in the Workplace: a Systematic and Conceptual Review* | [Abstract](#)
- **5.8. Methodology** | Room 402
 - 14h00 | Antonides Gerrit | *Behavioral Economic Methods* | [Abstract](#)
 - 14h20 | Corgnet Brice | *You Will not Regret it: On the Practice of Randomized Incentives* | [Abstract](#)
 - 14h40 | Ferreira Vera | *Can we have an Economic Psychology Manifesto? – 15 proposals for one* | [Abstract](#)
 - 15h00 | Van Dijk Wilco | *The Psychological Inventory of Financial Scarcity (PIFS): A Psychometric Evaluation* | [Abstract](#)
 - 15h20 | Mónica Vasco | *The Gumball Task: Measuring Teenagers' Risk Appetite* | [Abstract](#)

- **5.9. Varia 5** | Room 405
 - 14h00 | Sääksvuori Lauri | *Who is mobilized to vote by short text messages? Evidence from a nationwide field experiment with young voters* | [Abstract](#)
 - 14h20 | Valente Marieta | *Exploring perceptions and expectations of grades in a quantitative course: results from an incentivized experiment* | [Abstract](#)
 - 14h40 | Benjamin Prissé | *The adventure of running experiments with teenagers* | [Abstract](#)
 - 15h00 | Vázquez-de Francisco María José | *Strong stability in preferences and tiny gender differences among teenagers: evidence from secondary schools* | [Abstract](#)
 - 15h20 | Ong David | Dominance and achievement on standardized tests in China | [Abstract](#)
- **5.10. Behavioural science in policy (Special session)** | Room 302
 - 14h00 | Julianne Hannah | *Generating evidence to inform energy crisis communications: Ireland's Behavioural Energy and Travel Tracker* | [Abstract](#)
 - 14h20 | Name | *Title* | Abstract (to be announced)
 - 14h40 | Mira Toumi | *Household's energy consumption: feedback from european round table on the role of behaviour for net-zero* | [Abstract](#)

15h40 - 16h00 (Coffee break)

16h00 - 17h30 | **Keynote lecture: Martin Dufwenberg - Psychological Game Theory** | Amphi 1 | [Abstract](#)

17h30 - 18h30 | **JoEP Meet the Editors & Fred van Raaij Best paper** | Amphi 1

From 19h30 | **Gala Dinner** | Palais de la Méditerranée

Saturday, 10 June 2023

9h00-10h00 | **SABE General Assembly** | Amphi 1

10h00-11h00 | **IAREP General Assembly** | Amphi 1

11h00 - 11h20 (Coffee break)

11h20 - 13h00 | **Thematic Sessions #6**

- **6.1. Health 3** | Room 203

- 11h20 | Matsueda Norimichi | *Strategic Individual Behaviors and the Efficient Vaccination Subsidy* | [Abstract](#)
- 11h40 | Guvuro Sevias, Boysen Frederik | *Risk, Patience and Hazardous Drinking among the Urban Youth in South Africa* | [Abstract](#)
- 12h00 | Pulk Kristjan | *Consumer Perception and Judgement of Caloric Content in Fast Food Meals* | [Abstract](#)
- 12h20 | Sussman Kayleigh, Costa-Font Joan | *Working Your Health Out? Incentives for Physical activity and Insurees Later Life health* | [Abstract](#)
- 12h40 | Trachtman Hannah | *Does promoting one healthy behavior detract from others? Evidence from a field experiment* | [Abstract](#)

- **6.2. Tax policy 2** | Room 209

- 11h20 | Bachmann Robin | *Only who has will be given more? A panel analysis on the psychology of economic inequality and capital market participation in Germany* | [Abstract](#)
- 11h40 | Mueller Annika | *Aspirations and Hope Regarding Old Age: A Study in Rural Ghana* | [Abstract](#)
- 12h00 | Tena Estrada Blanca | *Influence of Unconditional Endowments and Sharing Opportunity in the Performance of Effort Tasks: A Lab-in-the-Field Experiment on UBI with Unemployed* | [Abstract](#)

- **6.3. Decision Making 5** | Room 211

- 11h20 | Azar Ofer | *Relative thinking in mixed compensation schemes: Some experimental evidence* | [Abstract](#)
- 11h40 | Bönisch Felix | *How Anticipation Shapes Belief Formation and Information Preferences* | [Abstract](#)
- 12h00 | Gill David | *Beliefs, learning, and personality in the indefinitely repeated prisoner's dilemma* | [Abstract](#)
- 12h20 | Lunn Pete | *Belief Updating Among Researchers and Policymakers in Response to New Evidence* | [Abstract](#)

- **6.4. Information & Cognition 4** | Room 232
 - 11h20 | Amelio Andrea | *Social Learning, Metacognition and Behavioral Biases* | [Abstract](#)
 - 11h40 | Luria Adi | *The relationship between unconventional behavior and susceptibility to common decision-making biases* | [Abstract](#)
 - 12h00 | Gagliardi Lorenzo | *The role of cognitive biases in conspiracy beliefs* | [Abstract](#)
 - 12h20 | Cordes Charlotte | *The Scope for Motivated Beliefs and its Consequences in Work Environments* | [Abstract](#)
 - 12h40 | Caldwell Leigh | *Cognitive Economics: a model of value for mental states* | [Abstract](#)

- **6.5. Gender biases, inequalities and discriminations 4** | Room 305
 - 11h20 | Dilmaghani Maryam, Smerdon David | *Gender and "Sportsmanship" among the Chess Super Elite* | [Abstract](#)
 - 11h40 | Fröberg Emelie | *Changes on the Labour Market, Self-Beliefs and Realized Earnings: Evidence From Longitudinal Business Student Surveys and Matched Income Registry Data* | [Abstract](#)
 - 12h00 | Gardiner Christopher, Markowsky Eva, Beblo Miriam | *Gender and performance under competitive pressure: A quantitative meta-analysis of experimental studies* | [Abstract](#)
 - 12h20 | Moeller Jakob | *Borrowed Plumes: The Gender Gap in Taking Credit for Teamwork* | [Abstract](#)
 - 12h40 | Shin Su Hyun, Fan Jessie | *Gender differences in the impact of employment on mental and cognitive health among older adults* | [Abstract](#)

- **6.6. Social preferences 5** | Room 309
 - 11h20 | Otterbring Tobias | *Social Validation, Reciprocation, and Sustainable Orientation: Cultivating "Clean" Codes of Conduct through Social Influence* | [Abstract](#)
 - 11h40 | Sabrina Plaß | *Wrong beliefs about the social norm of whistleblowing? – Survey and experimental study* | [Abstract](#)
 - 12h00 | Wieczorek Boris | *Social norms and community enforcement of cooperation* | [Abstract](#)

- **6.7. Financial literacy 2** | Room 402
 - 11h20 | Ranyard Rob, Nyhus Ellen K. | *Assessing Financial Literacy in Different Countries: Applying Item Response Theory to Construct Scales for the UK and Norway* | [Abstract](#)
 - 11h40 | Pulk Kristjan | *Individualism leads to higher financial literacy. Evidence from PISA* | [Abstract](#)

- 12h00 | Macko Anna, Adamczyk-Kowalcuk Magdalena, Kubińska Elżbieta | *Humans in the world of digital finance: financial literacy and attitude towards robo-advisory* | [Abstract](#)
- 12h20 | Reiter Bernd, Reiter Miranda | *Explaining the Racial Wealth Gap in the United States: Dissolving the Statistics Trap* | [Abstract](#)
- 12h40 | Seldal Mette M. N. | *Gaining control over personal finances through use of digital mental accounting and multiple bank accounts among Norwegian bank customers* | [Abstract](#)

13h00 - 14h30 (Lunch break)

14h30 - 16h10 | Thematic Sessions #7

- **7.1. Behavioral Public Policy 4** | Room 203
 - 14h30 | Yi Sunghwan | *Campus cafeteria users' support for nudge strategies for fruit and vegetable-rich items: Exploration of heterogeneity based on perceived effectiveness and intrusiveness of nudging* | [Abstract](#)
 - 14h50 | Walter Anna | *Implicit Reminders of Reputation and Nature Reduce Littering more than Explicit Information on Injunctive Norms and Monetary Costs* | [Abstract](#)
 - 15h10 | Lesic Vedran | *Online Choice Architecture: The Good, the Bad and the Complicated* | [Abstract](#)
 - 15h30 | Andersson Ylva | *The Role of Status Quo Bias in Judgements of Infrastructure Change to Promote Active Travel* | [Abstract](#)
- **7.2. Environment 5** | Room 209
 - 14h30 | Maison Dominika | *The consumer perception of plant-based dairy alternatives in Poland, Germany, France, and UK: mixed method approach* | [Abstract](#)
 - 14h50 | Columbus Simon | *The social dilemma of climate policy* | [Abstract](#)
 - 15h10 | Huemmecke Eva, Hoenow Nils Christian | *Would You Give Up Your Car For Money? Offering Monetary Incentives to Forgo Driving - results from a survey experiment* | [Abstract](#)
 - 15h30 | Schulze Tilling Anna | *Changing consumption behavior with carbon labels: Causal evidence on behavioral channels and effectiveness* | [Abstract](#)
 - 15h50 | Ziemann Niklas | *Behavioral drawback of a green electricity mix? Experimental evidence on a rebound effect in electricity demand response* | [Abstract](#)
- **7.3. Decision Making 6** | Room 211

- 14h30 | Barreda-Tarrazona Ivan | *Myopic Behavior in the lab: bounded rationality or strategic uncertainty aversion?* | [Abstract](#)
- 14h50 | Yechiam Eldad | *Loss aversion does not materialize for smaller losses* | [Abstract](#)
- 15h10 | Foster Gigi | *The Anatomy of Exclusion: How selfish subgroups form and are maintained in a repeated dictator election game* | [Abstract](#)

- **7.4. Emotion & Personality 4** | Room 232

- 14h30 | Krutaj Jona | *The power of leadership in changing social norms* | [Abstract](#)
- 14h50 | Petros Fidel | *The Role of Self-Confidence in Teamwork: Experimental Evidence* | [Abstract](#)
- 15h10 | Wang Yuxin | *The Role of Leadership Styles in Fostering Cooperation: An Experiment* | [Abstract](#)
- 15h30 | Wingen Sophia | *Mindsets and Willingness to Coach: The Role of Blame Attributions, Outcome Expectancy, and a Coachee's Past Performance* | [Abstract](#)
- 15h50 | Lomas Pablo | *The more...the better? The causal effect of the number of siblings on cognitives and social preferences: evidence from adolescents* | [Abstract](#)

- **7.5. Honesty 2** | Room 305

- 14h30 | Werner Katharina | *Deterring Corruption or Fostering Intrinsic Motivation? Experimental Evidence on the Performance of Public Officials* | [Abstract](#)
- 14h50 | Papa Stefano | *Guilt aversion and other motivations: Eve versus Adam* | [Abstract](#)
- 15h10 | Ravid Oded | *Does feeling of belonging induce truth-telling?* | [Abstract](#)
- 15h30 | Vriend Nicolaas J. | *Signalling Identity: An Experiment* | [Abstract](#)
- 15h50 | Zaccagni Sarah | *For God, Family, and Country: The impact of moral reminders on dishonesty* | [Abstract](#)

- **7.6. Social preferences 6** | Room 309

- 14h30 | Van Den Assem Martijn | *Impact or Blame? Giving in a Televised Natural Experiment* | [Abstract](#)
- 14h50 | Gasiorowska Agata | *Wealth and trust. Relationship status: it's complicated* | [Abstract](#)
- 15h30 | Cicognani Simona | *Cooperating when the end is near: the impact of cognitive ability and task complexity* | [Abstract](#)

- **7.7. Finance 5** | Room 402
 - 14h30 | Riff Sivan | *Homesickness in stock investment decisions* | [Abstract](#)
 - 14h50 | Schäfers Sabrina, Mir Djawadi Behnud | *Financial incentives for compliance or whistleblowing? – An experimental study on the reduction of occupational fraud* | [Abstract](#)
 - 15h10 | Lozza Edoardo | *Exploring generational differences towards payment methods: A qualitative study* | [Abstract](#)
 - 15h30 | Ong David | *Is women's competitiveness expressed vicariously through their husband's income?* | [Abstract](#)
 - 15h50 | Halit Yanikkaya | *Temptation and Saving Incentives* | [Abstract](#)