# SPP 2021 PROGRAM

MONDAY JUNE 28 to FRIDAY JULY 2

The Society for Philosophy and Psychology

47<sup>th</sup>
Annual Meeting

Preconference Workshop on Esssentialism
Friday June 25

Hosted virtually on

🔆 Gather



## Welcome!



Welcome to the 47<sup>th</sup> annual (and inaugural online!) meeting of the **Society for Philosophy and Psychology!** 

We are very excited to share this year's outstanding program with you.

This conference is made possible by generous support from Princeton University's Department of Psychology Langfeld Fund & the Department of Philosophy. We thank them for their support and generosity.

We are also grateful to everyone who refereed papers for the conference and who volunteered their time to ensure that we have an excellent program this year. We are particularly grateful to the members of our two William James Prize committees. We would also like to thank Alexa Sacchi, the architect of the conference space in Gather.town.

Finally, we extend the utmost gratitude to Larisa Heiphetz and Eric Mandelbaum, who put together an outstanding program for the 2020 conference prior to it being postponed due to COVID-19. We have held over their excellent program here, and extended it to include new submissions from 2021.

We hope that you have a productive and stimulating meeting. We will look forward to seeing you again next year for the 48<sup>th</sup> annual meeting of the SPP!

**Christina Starmans & Armin Schulz (SPP 2021 Co-Organizers & Program Chairs)** 

## Officers of the Society for Philosophy and Psychology

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**Pre-Conference Organizers:** Yarrow Dunham & Alexander Noyes

**2021 Program Chairs:** Christina Starmans & Armin Schulz **2020 Program Chairs:** Larisa Heiphetz & Eric Mandelbaum

## **General Information**

### Registration

Registration for the pre-conference and conference can be completed online at <a href="https://tinyurl.com/SPP2021Registration">https://tinyurl.com/SPP2021Registration</a>.

The registration deadline is Sunday June 20.

If you register after this date, there will be some delay between your registration and your access to the Gather.town site, as we will need to add latecomers manually. So please help us out by registering ASAP!

### **Locations & Times**

**★** All conference times are listed in EDT ★

All conference events will take place in Gather.town. The URL for the conference will be sent to you by email before the conference. For security purposes, you must log in to the conference using the email address you registered with.

Talks will be located in rooms within Gather, very similar to the setup at an in-person conference. Each talk lists an associated room. Once you enter the room, you will see an icon for the talk, which opens a link to a Zoom room. We request that audience members mute themselves during talks, except to ask questions during the Q&A.

**Posters** will be available for viewing at any time throughout the conference, but will only be "staffed" during the poster sessions. This means you may browse posters at your convenience, and return during poster sessions to chat with presenters.

The main lobby space will serve as a "lounge" area throughout the entirety of the conference, where you may chat with others in an informal environment. There is also a beach area just outside – don't forget the sunscreen!

### **Conference Contacts**

Christina Starmans: <a href="mailto:christina.starmans@utoronto.ca">christina.starmans@utoronto.ca</a> Armin Schulz: <a href="mailto:awschulz@ku.edu">awschulz@ku.edu</a>

## **General Information**

## <u>Information for Session Chairs and Speakers</u>

Chairs of invited and contributed sessions will strictly enforce the total time allotted to each speaker: 20 minutes for the talk and 10 minutes for Q&A. Chairs will also follow the order of presentations listed in the program. Transition time between talks (e.g., preparing slides for screen sharing) should happen during the Q&A for the previous talk. To allow for attendees switching among parallel sessions, talks should not begin before their scheduled time, even if the previous talk ended early. No introductions are necessary beyond the speaker's name and talk title. Talks will not be recorded.

## **Information for Poster Presenters**

Posters may consist of either a traditional poster or a 5-minute video. Posters (or videos) are located in the room corresponding to your listing in the program (e.g., poster A1 is in Room A, Location 1), and have been pre-loaded to this location prior to the conference. They will be available for viewing at any time for the duration of the conference. Each poster also has a designated "office hour" during which at least one author should be standing next to the poster to discuss the work and answer questions. Your poster session (or "office hour") time and location is listed on the corresponding page in this program.

## Get Involved

## **Vote for Best Poster**

At any time during the conference you can vote for the best poster by filling out the online survey at <a href="https://utorontopsych.az1.qualtrics.com/jfe/form/SV\_eUOOoLx7y2cw9dY">https://utorontopsych.az1.qualtrics.com/jfe/form/SV\_eUOOoLx7y2cw9dY</a>. To help you remember which poster you want to vote for, each poster has a location (e.g. A1), and you can vote using the location, title, or author information.

## **Business Meeting**

Open to all attendees. Friday, July 2 at 11:00-11:30am. Keynote Room

## **Join the SPP Listservs**

Email <a href="mailto:hamlinlab@psych.ubc.ca">hamlinlab@psych.ubc.ca</a> to join SPP-ANNOUNCE (official business) and/or SPP-MISC (monthly paper digest, job postings, CFPs from other conferences, etc.)

## Post your in-press papers to the monthly digest

Each month on the 15<sup>th</sup>, a list of in-press papers from the SPP community is sent through the SPP-MISC listserv. To include your recent paper or book in the next month's list, email <a href="mailto:christina.starmans@utoronto.ca">christina.starmans@utoronto.ca</a> with title, authors, affiliations, journal, 3 keywords, corresponding author email, and link to pre-print if available.

## **Pre-Conference**

Friday, June 25, 2021, Keynote Room

## Essentialism: What is it and do we need it?

10:00 - 11:30am EDT

Gil Diesendruck

Motivated to essentialize

Rachel Sterken

Generics and metalinguistic negotiation

**Edouard Machery** 

Not to rain on your parade, but...:
Concerns with the essentialism
construct

12:00 - 1:30pm EDT

Sandeep Prasada

**Essences: Known & Unknown** 

Marjorie Rhodes

The developmental and cognitive underpinnings of essentialist thought

Robin Dembroff

**The Process of Gender** 

2:00 - 3:30pm EDT

Susan Gelman

Are we essentializing essentialism?

How to be precise with a placeholder concept

Alexander Noyes

Institutional kinds: Expand or limit psychological essentialism?

Kate Ritchie

Language, Essentialism, and Socio-Political Projects

3:30 - 4:30pm EDT

General Discussion & Session Cross-talk
George Newman (moderator)

## **Pre-Conference Contacts**:

Yarrow Dunham: <a href="mailto:yarrow.dunham@yale.edu">yarrow.dunham@yale.edu</a>
Alexander Noyes: <a href="mailto:alexander.noyes@yale.edu">alexander.noyes@yale.edu</a>

## Schedule at a Glance

All times EDT. Click any session to jump to detailed description.

10:00-11:30

11:45-1:15

1:30-2:45

3:00-5:00

5:00-6:00

6:00-6:30

Monday

6/28

Contributed Sessions

4 parallel sessions

Contributed Sessions

4 parallel sessions

Keynote Address

**Ned Block** 

**Invited Session** 

Thought & Language

Poster Session

**Social Hour** 

Tuesday

6/29

Contributed Sessions

4 parallel sessions

Contributed Sessions

4 parallel sessions

Keynote Address

**Eldar Shafir** 

Invited Session

Concepts

Poster Session

**Social Hour** 

Wednesday

6/30

Contributed Sessions

4 parallel sessions

Contributed Sessions

4 parallel sessions

Keynote Address

**Rita Astuti** 

Invited Session

Norms

Poster Session

**Social Hour** 

**Thursday** 

7/1

Contributed Sessions

4 parallel sessions

Contributed Sessions

4 parallel sessions

Stanton Prize Winner

Marjorie Rhodes

Invited Session

Justice

Presidential
Address
Tania Lombrozo

**Social Hour** 

**Friday** 

7/2

**Poster Session** 

11:00 Business Meeting

Contributed Sessions

4 parallel sessions

Stanton Prize
Winner

Jonathan Phillips

Contributed Sessions

4 parallel sessions



## **Monday June 28**

10:00am -11:30am

Back to Schedule at a Glance

## **Possibility & Probability** in Perception

Is there empirical support for probabilistic mental representations? A case within visual perception Ömer Dağlar Tanrıkulu, Andrey Chetverikov, Sabrina Hansmann-Roth, & Árni Kristjánsson

> The perception of possibility

Chenxiao Guan, David Schwitzgebel, Alon Hafri, & Chaz Firestone

Visual appearance of space: A new puzzle and its solution

Alexander A. Petrov, Ying Yu, & Declan Smithies

## **Self & Other**

The lure of the self: How we misattribute our lesser likes to the "other" in perspective-taking Marco Inchingolo, Joan Danielle Ongchoco, & L. A. Paul

Young children revise and maintain others' beliefs about the self

> Mika Asaba & Hyowon Gweon

Do you see what I see? A meta-analysis of the Dot Perspective Task

Steven Shin, Catherine Holland, & Jonathan Phillips

## Language & Knowledge

Internalist natural language semantics explains the influence of language on cognition without appealing to alterations of conceptual contents **Andrew Knoll** 

"Umm...": When children do and do not infer knowledge based on disfluency

> Benjamin C. Morris & Alex Shaw

Reclaiming empathy

Riana Betzler

## **Implicit Cognition**

Strategic automaticity and attention-based control: Two sources of action and responsibility

**Carolyn Dicey Jennings** 

Unconscious perception and the problem of attribution

**Myrto Mylopoulos** 

The associativepropositional debate in implicit social cognition: Settled issues and open questions

> **Benedek Kurdi** & Yarrow Dunham

# Monday June 28 11:45am -1:15pm

Back to Schedule at a Glance

### Culture

Talk Room 1

WITHDRAWN

Moral cosmopolitanism: Cosmopolitan morality separates contributing benefits and protecting from harm

Varun Gauri, Xuechunzi Bai, & Susan Fiske

Political disagreement or partisan badmouthing?

**Michael Hannon** 

## Morality

Talk Room 2

Moral molecules: Morality as a combinatorial system

Oliver Scott Curry, Mark Alfano, Mark J. Brandt, & Christine Pelican

The ethics of consistency

**Dan Kelly** & Michael Brownstein

The function, structure, and dynamics of moral rules

**Sydney Levine,**Fiery Cushman
& Josh Tenenbaum

## Language & Representations

Talk Room 3

When one meaning is not enough: Word learning relies on multiple overlapping representations **Sammy Floyd**, Libby Barak, Adele E. Goldberg, & Casey Lew Williams

Exact number concepts are limited by language

Benjamin Pitt, Steven Piantadosi, & Edward Gibson

'Being tall compared to' compared to 'being tall' and 'being taller'

Alexis Wellwood, Deniz Rudin, & Jaime Castillo Gamboa

## Beliefs & Judgments

Talk Room 4

Fragmented decision theory

Adam Elga & Agustin Rayo

Understanding 'Why': How implicit questions shape explanation preferences

**Sehrang Joo**, Sami Yousif, & Frank Keil

**Colliding intuitions** 

**Benjamin Eva** & Reuben Stern

## Tuesday June 29

10:00am -11:30am

Back to Schedule at a Glance

## **Mind-Reading**

#### Talk Room 1

Acquiring a new word by correcting for the speaker's identity falsebelief

Alan Leslie & Gala Stojnic

Factive mindreading in conversation

**Evan Westra** & Jennifer Nagel

I know you know I'm signaling: Novel gestures are designed to guide observers' inferences about communicative goals

Amanda Royka, Marieke Schouwstra, Simon Kirby, & Julian Jara-Ettinger

### **Causation & Norms**

#### Talk Room 2

Counterfactual thinking and recency effects in causal judgment Paul Henne, Aleksandra Kulesza, Karla Perez, & Augustana Houcek

Causation and norms:
Perspectives from
psychology, philosophy,
and law

**Levin Güver** & Markus Kneer

Projecting guilty minds:
Emotions and the
ascription of mental
states in the context
of moral and legal
decision-making
Marc-André Zehnder

### **Beliefs**

#### Talk Room

Rethinking polarization:
Political beliefs as
expressive responses

Rachel Lehmann

Inferences and altered states:
Psychedelic substance use and belief change

David B. Yaden & Derek E Anderson

Explaining the existential: The functional role of scientific and religious explanations

**Telli Davoodi** & Tania Lombrozo

# Societal Structures & Inequality

#### Talk Room 4

Brilliant and manly? The link between beliefs about brilliance and masculinity contest cultures in academia **Andrea Vial,** Melis Muradoglu, George Newman, & Andrei Cimpian

When is it helpful vs.
harmful to understand
structural causes of
inequality? Consequences
of extrinsic causal
attributions
Rebecca Peretz-Lange
& Paul Muentener

Noblesse oblige: Lay perspectives on wealth-obligation associations

Xin Yang, Michael Garvey, Mark Sheskin, & Yarrow Dunham



## Tuesday June 29

11:45am -1:15pm

Back to Schedule at a Glance

## Perceptual Categorization

Talk Room 1

Figments of imagination:
'Scaffolded attention'
creates non-sensory object
and event representations

Joan Danielle Ongchoco & Brian Scholl

Does perceptual categorization involve cognitive influences?

**Madeleine Ransom** 

Autonomy of attention

Kaisa Kärki

## Moral Development

Talk Room 2

Going above and beyond:

How children and adults
reason about supererogatory
moral actions

**Christina Starmans,** Maia Jaffer-Diaz, & Umang Khan

Children view proscriptive morality as more obligatory than prescriptive morality

Lisa Chalik & Rachel Retter

Preschoolers' contextdependent moral judgments

Natalia Modzelik,
Julia Van de Vondervoort,
& Kiley Hamlin

## Intergroup Cognition

Talk Room 3

Power of allies: Infants' expectations of social obligations during intergroup conflict

Anthea Pun, Susan Birch, & Andrew Baron

Ingroup loyalty vs.
impartiality: How moral
motives affect altruistic
decision making in social
discounting tasks

Paige Amormino & Abby Marsh

Testing the limits of structural thinking about social categories

Ragnhild Eine Naas, Xin Yang, & Yarrow Dunham

### **Emotion**

Talk Room 4

Recalcitrant emotions & the fragmentation of belief

**Kris Goffin** 

Consciousness, emotion and the social world

Ava Ma de Sousa

Emotions, attitudes, ethics & instructions

**Alison Springle,** Seth Goldwasser, & Jason Kay



## Wednesday June 30

10:00am -11:30am

Back to Schedule at a Glance

## Perception & Cognition

#### Talk Room 1

From eyes to minds:
Perceiving perception,
and attending to
attention?
Clara Colombatto, Yi-Chia
Chen, Benjamin van Buren,
& Brian Scholl

Somatosensory perception and the perception/cognition border

**Fiona Schick** 

The perception of absences

Jorge Morales & Chaz Firestone

## **Causal Reasoning**

#### Talk Room 2

The search for invariance hypothesis: A causal learning account of positive testing

Elizabeth Lapidow & Caren Walker

### WI

Explanatory satisfaction tracks epistemic success and motivates inquiry

Emily G. Liquin & Tania Lombrozo

Investigating infants' sensitivity to confounded information in a causal reasoning task

Katarina Begus & Elizabeth Bonawitz

### **Norms**

#### Talk Room

Doesn't everybody jaywalk? Exploring the phenomenon of phantom rules

Jordan Wylie & Ana Gantman

Religious normativity:

Monolithic or

domain-specific?

Audun Dahl & Mahesh Srinivasan

The pervasive impact of ignorance

Jonathan Phillips & Lara Kirfel

### Conciousness

#### Talk Room 4

NCC, P3b, and no-report paradigms

Yen-Kuan Chen, Tony Cheng, Chen-Wei Wu, & Po-Jang Hsieh

How (not) to underestimate unconscious perception

**Matthias Michel** 

Applying theories of consciousness outside the human case:
Overcoming the specificity problem

**Henry Shevlin** 



## Wednesday June 30

11:45am -1:15pm

Back to Schedule at a Glance

## Agency & Decision-Making

Talk Room 1

Models of control over motives

**Austen McDougal** 

Reward, reward signals, and agents within agents

**Patrick Butlin** 

**WITHDRAWN** 

## **Moral Reasoning**

Talk Room 2

Deliberately prejudiced self-driving cars elicit the most outrage

Julian DeFreitas & Mina Cikara

Moralistic dehumanization

**Ben Phillips** 

The moral devaluation of art

Vladimir Chituc, Paul Bloom, & Molly Crockett

## **Evaluating Information**

Talk Room 3

Evaluating information and misinformation during the COVID-19 pandemic: Evidence for epistemic vigilance **Kristopher Smith,** Nadya Vasilyeva, Kelli Bar, Jordan Kiper, Stephen Stich, Edouard Machery & Clark Barrett

Spinoza's return: Fluency does not explain illusory truth

**Steven Young,** Ryan Tracy, Nicolas Porot, & Eric Mandelbaum

Causal judgment
in the wild:
Evidence from the 2020
US presidential election

Tadeg Quillien & Michael Barlev

## Memory & Episodic Thought

Talk Room 4

Learning as a part of memory

**Jonathan Najenson** 

Imagine That! Aphantasia is an episodic system condition

**Andrea Blomkvist** 

Remembering objects

**James Openshaw** 

## Thursday July 1

10:00am -11:30am

Back to Schedule at a Glance

## Representation

Cognitive significance in neural systems

**Caleb Dewey** 

The number sense represents numbers

Sam Clarke & Jacob Beck

How do functional models in cognitive science represent and explain?

**Paul Kelly** 

## Group Cognition

Towards a two-factor approach to the Cross-Race Effect

**Greyson Abid** 

The stringency of moral categorization

Joshua Rottman, Emily Foster-Hanson, Sam Bellersen, & Nick Kroll

Moral Activation: Binding values gain importance in the presence of close others

> **Daniel Yudkin,** Ana Gantman. Wilhlem Hoffman, & Jordi Quoidbach

## Replication & Uncertainty

HARKing: From misdiagnosis to misprescription

**Aydin Mohseni** 

Explicating exact versus conceptual replication

**Robert Hudson** 

**WITHDRAWN** 

## The Clinical & the Philosophical

The pillars of identity in dementia

**Nada Gligorov** & Christopher Langston

Spinozan doxasticism about delusions

**Federico Bongiorno** 

Why grass is green and not yellow: Intuitions about object colors in sighted and congenitally blind adults

**Judy Kim** & Maria Bedny

# Thursday July 1

Back to Schedule at a Glance

## **Moral Judgment**

#### Talk Room 1

From teleology to morality:
Why belief in species
function affects moral
evaluation of individuals

**Casey Lewry,** Deborah Kelemen & Tania Lombrozo

Rationalizing charitable donation:
Narratives vs. arguments

Eric Schwitzgebel, Joshua May, & Chris McVey

Competing goals in the construction and perception of moral narratives

Molly Crockett, Judy Kim, & Clara Colombatto

# Predictive Processing

Talk Room 2

Back to basics: Prediction and predictive processes

**Elizabeth Irvine** 

What does predictive processing have to do with the modularity of mind?

John Zerilli

A predictive processing approach to copredication

Christian Michel & Guido Löhr

## **Concepts**

#### Talk Room 3

Embodied conceptions, not embodied concepts

**Madeline Claire Hass** 

Concepts as generative pointers

**Jake Quilty-Dunn** 

An information-theoretic minimal concept of representation

**Manolo Martinez** 

## Reasoning & Blaming

Talk Room 4

The shape of blame

**Dries H. Bostyn** & Josh Knobe

The automatic influence of advocacy on lawyers

**David Melnikoff** & Nina Strohminger

Blame as attention

**Eugene Chislenko** 

# Friday July 2 11:45am -1:15pm

## **Minds of All Kinds**

Talk Room 1

Perceiving agency

**Mason Westfall** 

Minds, bodies, spirits, and gods: Does widespread belief in disembodied beings imply that we are inherent dualists?

Michael Barlev & Andrew Shtulman

People make sub-optimal moral decisions about euthanizing humans as compared with animals

**Geoff Goodwin** & Henry Hung

## **Explanation** & Expertise

Talk Room 2

Can people learn to reason better?

Michael Bishop & Paul Conway

Inferences from explanation

Lara Kirfel, Thomas Icard, & Tobias Gersternberg

Philosophers' linguistic expertise: A psycholinguistic approach to the expertise objection to experimental philosophy

> Eugen Fischer, Paul Engelhardt, & Aurelie Herbelot

### **Essentialism**

#### Talk Room 3

When generic language does not promote essentialism

Nadya Vasilyeva, Alison Gopnik, & Tania Lombrozo

Origins of cognitive anti-nativism

**Iris Berent** 

Teleological essentialism: Generalized

**David Rose** & Shaun Nichols

### **Attention**

Talk Room 4

Vividness in temperature perception

Allert van Westen

What we've been missing about what we've been missing: Above-chance sensitivity to inattentional blindness stimuli

Makaela Nartker, Chaz Firestone, Howard Egeth, & Ian Phillips

Multimodal binding as mereological coconstituency

**Jonathan Cohen** 

## Innovating & Learning

#### Talk Room 1

Imitation and animal culture: A critical appraisal of the 'Zone of Latent Solutions' hypothesis

**Brandon Tinklenberg** 

Reasoning with knowledge of things

**Matt Duncan** 

Good guesses

Matthew Mandelkern & Kevin Dorst

## **Punishment**

#### Talk Room 2

Psychological basis of expressive retributivism

Michał Kłusek

"Internally wicked":
Essentialist views of
criminality increase
punitiveness and moral
condemnation

**Larisa Heiphetz** & Justin W. Martin

Punishment as communication

**Arunima Sarin,**Mark Ho, & Fiery Cushman

## **Conceptual Development**

#### Talk Room 3

Some evidence for languages of thought in chimpanzees, baboons, and an African Gray parrot

**Nicolas Porot** 

Transforming views of conceptual development: Early causal reasoning and relational concepts

Mariel K. Goddu & Alison Gopnik

Developing representations of disjunction and possibility in early childhood

**Brian Leahy** & Susan Carey

# Free Will & Responsibility

#### Talk Room 4

Free will intuitions and the failure to comprehend determinism

Thomas Nadelhoffer, Samuel Murray, & Elise Murray

It's not what you did, it's what you could have done

Regan Bernhard, Hannah LeBaron, & Jonathan Phillips

The role of counterfactual reasoning in responsibility judgments

**Sarah Wu** & Tobias Gerstenberg

Back to
Schedule at a Glance

1:30pm - 2:45pm

Monday

**Keynote Room** 

An empirical argument that perception is non-conceptual and non-propositional

**Ned Block** 

Tuesday

**Keynote Room** 

Philosophical Intuitions

**Eldar Shafir** 

Wednesday

**Keynote Room** 

"Oh Rita, what questions you ask!"

Rita Astuti

**Thursday** 

**Keynote Room** 

The construction of social kinds in childhood

**Marjorie Rhodes** 

**Stanton Prize 2020** 

Friday

**Keynote Room** 

**Modal Thought** 

**Jonathan Phillips** 

**Stanton Prize 2021** 

## **Invited Sessions**

3:00pm - 5:00pm

Back to Schedule at a Glance

## Monday eynote Room

**Thought & Language** 

## **Lera Boroditsky**

Language, metaphor, and cognition

## **Elisabeth Camp**

Expressing perspectives through words

### **Luca Bonatti**

Logical Processes in an Infant Mind

## **Agustin Vicente**

From concepts to words: Do we need an intermediate level of semantic representations?

## Tuesday

Concepts

## **Susan Carey**

Distinguishing conceptual change from knowledge enrichment

## **Dan Weiskopf**

"We Can Do It": Aspects of Collective Conceptual Change

### **Michael Strevens**

**Bootstrapping the Cardinal Principle** 

## **Frank Keil**

Why are concrete to abstract models of conceptual change so appealing but so wrong?

## Wednesday Keynote Room

**Norms** 

## **Betsy Levy Paluck**

Prejudice reduction: Progress and challenges

## **Michele Gelfand**

Cultural Evolutionary
Mismatches During
COVID-19

### **Kristin Andrews**

Normative animals: A pluralistic approach

### Joshua Knobe

Statistical and prescriptive norms

## Thursday Keynote Room

**Justice** 

### Neil Lewis Jr.

What is "reasonable"?

How the legal system shapes citizen judgments

## **Kenny Easwaran**

Transformations of the City, Transformations of the Self

## Valerie Purdie Greenaway Title TBA

## **Regina Schouten**

Liberal Feminism, Ideology, and the Subject Matter of Justice

## **Monday Poster Session**

June 28 ★ 5:00pm – 6:00pm

Back to Schedule at a Glance

### **Poster Room A**

	Posteri	tooiii A	
A1	Psychological Implications of Gendered Als and Their Social Impacts Javier Gomez-Lavin, Hannah Read, Andrea Beltrama & Lisa Miracchi	A10	Can preschoolers shift their metaphor preferences? Rebecca Zhu, Mariel Goddu, & Alison Gopnik
A2	WITHDRAWN	A11	Generalizing from individuals to populations: Hierarchical inference supports convention formation Robert D. Hawkins, Adele E. Goldberg, Thomas L. Griffiths
<b>A3</b>	Statistical learning and parochial norms Scott Partington, Shaun Nichols, & Tamar Kushnir	A12	The effect of valence on moral typecasting Philip Robbins, Fernando Alvear, & Paul Litton
<b>A4</b>	WITHDRAWN	A13	WITHDRAWN
<b>A5</b>	The sins of scientists:  An examination of dual value systems in science  Cassie Whitt & Alexa Tullett	A14	The functional contributions of consciousness  Dylan Ludwig
<b>A6</b>	Empathy gaps and question-based reasoning Chris Register	A15	WITHDRAWN
A7	Up to PAR, but not yet understanding false belief: Eight investigations of the Perceptual Access Reasoning (PAR) hypothesis William V. Fabricius	A16	Why do people think statistical evidence can't give us knowledge? Angel Pinillos, Sara Jaramillo, & Zachary Horne
A8	How do episodic simulations achieve their temporality?  Johannes B. Mahr, Joshua Greene, & Daniel Schacter	A17	How expectations about teaching styles may shape inferences and exploration llona Bass, Patrick Shafto, & Elizabeth Bonawitz
A9	Beyond right and wrong:  Exploring nuance in evaluative judgments  Arvid Samuelson, Talia Waltzer, Max Wechsler-Azen, Audun Dahl	A18	Biased benevolence: The perceived morality of effective altruism across social distance Kyle Fiore Law, Dylan Campbell, & Brendan Gaesser

## **Monday Poster Session**

June 28 ★ 5:00pm – 6:00pm

	Poster	Room A	
A19	WITHDRAWN	A28	The development and consequences of punishment-related concepts  James P. Dunlea & Larisa Heiphetz
A20	Lived, living, and inanimate bodies: Foundational issues of embodied cognition Tim Elmo Feiten	A29	The folk's conception of well-being Jorge Oseguera Gamba
A21	Cause and burn Eric Sievers, David Rose, & Shaun Nichols	A30	When knowledge Is not enough: Racial injustice, cognitive architecture and understanding Eric Bayruns Garcia
A22	Autism as low meta-trait plasticity  Matthew Rogers	A31	Intuitive signaling through an "Imagined We" Stephanie Stacy, Qingyi Zhao, Max Kleiman-Weiner, & Tao Gao
A23	Do the representations of number words transfer across bilingual children's languages?  Elisabeth Marchand & David Barner	A32	A theoretically driven meta-analysis of implicit theory of mind studies: The role of factivity Catherine Holland, Steven Shin, & Jonathan Phillips
A24	Children's understanding of the selective use of impartial procedures to benefit the self  Hannah Hok & Alex Shaw	A33	The folk concept of personhood: Do fetuses count? Paul Saka
A25	Time and the gorilla: How changes in time on task affect inattentional blindness Jason Ford	A34	Everyday relational morality Brian D. Earp, Margaret S. Clark, Joshua T. Monrad, & Molly J. Crockett
A26	When people reject free money: Phantom costs and the psychology of economic exchange Andrew Vonasch & Kurt Gray	A35	The language of causation Ari Beller, Erin Bennett, & Tobias Gerstenberg
A27	Pretense is representation  Neil Van Leeuwen	A36	Beyond metascience in the search for engrams Caitlin Mace & Cory Wright

## **Monday Poster Session**

June 28 ★ 5:00pm - 6:00pm

Back to Schedule at a Glance

### **Poster Room A**

A37	Inferences from social evaluations  Zach Davis, Kelsey Allen, & Tobias Gerstenberg	A45	How people make causal judgments about unprecedented societal events Jamie Amemiya, Gail Heyman, & Caren Walker
A38	Children successfully reason about necessary and impossible events, but fail to choose between favorable or unfavorable probabilistic outcomes  Sofia Jauregui, Nico Cesana-Arlotti, Shaun Nichols, & Justin Halberda	A46	A functional neuroimaging investigation of moral foundations Eleanor Hanna, Maria Khoudary, Vijeth Iyengar, Scott Clifford, Felipe De Brigard, Walter Sinnott-Armstrong, & Roberto Cabeza
A39	To be honest: Modelling the impact of social norms and psychiatric profile on (dis)honesty Anastasia Shuster, Madeline O'Brien, Vincenzo Fiore, Soojung Na, & Xiaosi Gu	A47	WITHDRAWN
A40	The neural and behavioral impact of mind wandering on event-based prospective memories with varying error-related consequences  Kristina Krasich, Eva Gjorgieva, Samuel Murray,  Felipe De Brigard, & Marty G. Woldorff	A48	Seeing vs. seeing that: Children's comprehension of reports of direct perception and inference  E. Emory Davis & Barbara Landau
A41	The struggle is real: Boosting children's connectedness and persistence in STEM through storybook reading Amanda Haber, Sona Kumar, Veronika Pilarova, & Kathleen Corriveau	A49	Right actions for the wrong reasons:  Motivating reasons in judgments of moral goodness  Christopher J. Kalbach & Emmanuel Smith
A42	Me, you, and you as me: Understanding conceivability arguments for haecceitism Sam Cowling, Seth Chin-Parker, & Shaun Nichols	A50	Sense of agency and cognitive control in sleep deprivation: neurological underpinnings and philosophical implications Robyn Repko Waller
A43	Modeling "spatial purport of perceptual experience": Egocentric space perception in a semi-realistic 3D virtual environment Wiktor Rorot	A51	The evolution of vaccine discourse and communities on Twitter during Covid-19 Ignacio Ojea Quintana, Colin Klein, Marc Cheong, Amir Fard, Emily Sullivan, Ritsaart Reimann, & Mark Alfano
A44	The development of gendered concepts of political leaders:  Evidence from the US and China  Reut Shachnai, Rachel A. Leshin, Yuchen Tian, Minghui Wang,  Lin Bian, & Andrei Cimpian	A52	WITHDRAWN

## **Tuesday Poster Session**

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### **Poster Room B**

Poster Room B			
B1	Are intellectually humble people more conciliatory in the face of peer disagreement?  James Beebe	B10	WITHDRAWN
B2	Precise prosociality: Children's number cognition predicts exactness in sharing but not helping contexts Sifana Sohail, Kristen Dunfield, & Nadia Chernyak	B11	Virtual selves in full body ownership illusions: A case of virtual embodied cognition Elise Whatley & Maria Botero
ВЗ	Perceptual representation, asymmetric dependence, and signal detection J. Brendan Ritchie	B12	Acquiring principles via perception Sandeep Prasada
B4	Exploring the role of prototyping in physical construction William P. McCarthy, David Kirsh, & Judith E. Fan	B13	The role of intuitions about naturalness in attitudes to cultured meat Matti Wilks, Paul Bloom, & Matthew Hornsey
<b>B5</b>	Children's perceptions of transgressions motivated by group membership Vivian Liu & Andrei Cimpian	B14	Public goods games and epistemic burdens Parker Crutchfield & Scott Scheall
<b>B6</b>	What explains causal judgments? Counterfactual versus hypothetical simulations Tobias Gerstenberg & Jingren Wang	B15	The morality of empathy:  Moral judgments of unbiased empathy  Zoe Fowler, Kyle Law, & Brendan Gaesser
В7	"Depends on the consequences":  Measuring consumer attitudes towards manipulative marketing  Matt Johnson, Rob Barlow, & Prince Ghuman	B16	Mind wandering is exploratory attention Albert Cotugno
B8	WITHDRAWN	B17	Not the same same: Distinguishing between similarity and identity in judgments of change Melissa Finlay & Christina Starmans
B9	The mismeasure of free will & metaethics Lance Bush, David Moss & David Pizarro	B18	Mission Improbable: Children's understanding of possibility in the past and future Umang Khan & Christina Starmans

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B19 WITHDRAWN	Degrading causation  Kevin O'Neill, Paul Henne, Paul Bello, John Pearson, Felipe De Brigard		
B20 Emotion in imaginative resistance Dylan Campbell, Will Kidder, Jason D'Cruz, & Brendan Gaesser	Gender differences in agonistic honor intuitions: An exploratory study and a speculative evolutionary framework  Dan Demetriou & Hui Bai		
B21 WITHDRAWN	Dretske on unconscious perception Jacob Martin		
B22 WITHDRAWN	B31 WITHDRAWN		
B23 The relationship among cognitive flexibility, label knowledge and number concept in 3- to 5-year-old children Yu Xiao, Chen Xin, & Chen Yinghe	Do speakers consult an internal jury of their peers in judging linguistic `fault' and subjectivity?  Ruthe Foushee & Mahesh Srinivasan		
Creative foraging in children  Eliza Kosoy, Yuval Hart, Emily Liquin, Julia Leonard,  Allyson Mackey, & Alison Gopnik	Children's reasoning about evidence selection and communicative intent Karen C. Levush & Lucas Payne Butler		
The influence of Shweder's three codes of moral thought in mental health outcomes of non-suicidal self-injury  Guillem Fernandez Villa	Computational justice: Simulating structural bias and interventions Ida Momennejad, Sacey Sinclair, & Mina Cikara		
Moral considerations shift evidential requirements and justify wishful beliefs Corey Cusimano & Tania Lombrozo	Evolutionary knowledge does not override implicit anthropocentric bias Michal Fux, Nicole Pochinki, John D. Coley		
'Who're you looking at!': Non-verbal cues as epistemic injustice Austin Baker	Pointers, conceptual continuity, and the revisability of belief Kyle Landrum		

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Barbu Revencu & Gergely Csibra

	Poster	Room B	
B37	An investigation of the origins of logical quantification: Infant's (and adult's) representations of exhaustivity in collective or individual complex actions Nicolo Cesana-Arlotti, Tyler Knowlton, Jeffrey Lidz, & Justin Halberda	B45	Gendered affordance perception  Tom Mcclelland & Paulina Sliwa
B38	Many exposures to a real-world object without knowing the details: The focus of attention does not include entire objects but only the relevant level of abstraction  Michael G. Allen & Timothy F. Brady	B46	Person-first versus identity-first approaches and reclamation in autism  Marta Jorba, Valentina Petrolini & Bianca Cepollaro
B39	What is a number? Evidence against the hypothesis that continuous visual features serve as the foundation for our numerical thoughts, both perceptually and developmentally Emily Sanford & Justin Halberda	B47	A causal proximity effect in moral judgment Neele Engelmann & Michael Waldmann
B40	The mind/soul dichotomy: The Role of religiosity and its consequences for morality. Evidence from cross-cultural study in Poland, China, Ukraine and Germany  Arkadiusz Gut & Oleg Gorbaniuk	B48	Who can tell numbers apart? Adults' intuitive judgments of others' numerical decisions as a function of agent identity Rahma Mbarki, Dora Kampis, & Jinjing Jenny Wang
B41	The Roomba is like a computer, the Nao is like a human, but the Alexa knows good from bad: Children's beliefs about the properties of interactive technological agents  Teresa Flanagan, Gavin Wong, & Tamar Kushnir	B49	Predicting moral judgments from moral dispositions  David Colaco & Kevin Jarbo
B42	Representation of sex-linked properties: Implications for conceptual representation and generics Olga Leus & Sandeep Prasada	B50	WITHDRAWN
B43	Changing minds with style Carolina Flores	B51	Morality and bureaucracy: Allocating responsibility to multiple agents Ana Gantman, Anni Sternisko, Peter Gollwitzer, Gabriele Oettingen, & Jay Van Bavel
B44	Biological essentialism correlates with (but doesn't cause?) intergroup bias	B52	Symbols, discourse referents, and the assignment function:  An alternative framework for external representations

April Bailey & Joshua Knobe

## Wednesday Poster Session

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Joshua Mugg

Poster Room C				
C1 Chimpanzees represent alternative possibilities  Jan Engelmann, Christoph Völter, Cathal O'Madagain,  Marina Proft, Hannes Rakoczy, & Esther Herrmann	Psychosis and personal identity: Perspective from experimental philosophy Julia Kolak & Jesse Prinz			
From outcome to process: A development shift in children's judgments of rational reasoning Hanna Schleihauf, Zhen Zhang, Alissa Gomez & Jan Engelmann	Common knowledge promotes cooperation in the threshold public goods game Paul Deutchman, Dorsa Amir, Matthew Jordan, & Katherine McAuliffe			
C3 WITHDRAWN	g as bridge model Devin Sanchez Curry			
Expectation and subjective inflation: What To expect when you're expecting Rebecca Keller	Contributions of the bodily senses to cortical body representations  Douglas Wadle			
Motor representation in joint action Corrado Sinigaglia & Stephen A. Butterfill	Function in addiction and pathology Seth Goldwasser, Jason Kay, & Alison Springle			
C6 Do children interpret costs as signals of commitment to a group?  Emily Gerdin & Yarrow Dunham	C15 Towards gibsonian mindreading Jonathan Bowen			
The visual now Aditya Upadhyayula & Ian Phillips	C16 WITHDRAWN			
What we would (but shouldn't) do for those we love: Universalism vs. partiality in responding to others' moral transgressions Laura Soter, Martha Berg, Susan Gelman, & Ethan Kross	C17 Two-layer theory of semantic competence Ryo Tanaka			
Murdering and murderable minds:  Is mind perception the essence of moral status?	C18 Against Spinozan theories of human reasoning			

Jonathan LaTourelle & Michael Barlev

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### **Poster Room C**

	Posteri	NOUIII C	
C19	Harmfulness decouples from immorality in harm-based moral judgment Madeline G. Reinecke, Julia Marshall, & Paul Bloom	C28	Hume's Joke: Ignorance and Moral Judgment Scott Scheall, Parker Crutchfield, Mark Justin Rzeszutek, Cristal Cardoso Sao Mateus & Hayley Brown
C20	What Makes Feasibility Judgments Distinctive, and What to Do About It Matthew Lindauer & Nicholas Southwood	<b>C29</b>	Features of Answers and Questions: Semantic predictors of answer appraisal in frequently asked questions Christina Boyce-Jacino & Gretchen Chapman
C21	Adults and children are intuitive empiricists  Jinjing Jenny Wang & Lisa Feigenson	C30	Are there "moral" judgments? Rasmus Rosenberg Larsen & David Sackris
C22	Scaling-up from a mechanistic point of view Matej Kohar	C31	The ordinary concept of a meaningful life Michael Prinzing, Julian De Freitas, & Barbara Fredrickson
C23	Grounding moral debiasing within a scientific context: What is the criterion of moral error? Mark Herman	C32	Contents of unconscious color perception Błażej Skrzypulec
C24	The real problem with biased empathy Max Kramer	<b>C33</b>	WITHDRAWN
C25 The	e relation between and effects of education on ethical reasoning and moral foundations among engineering students in China Rockwell Clancy	C34	'Composing the Scene': An Empirical Case for Virtue Paul Carron
C26	Evidence of accurate logical reasoning in online sentence comprehension  Maksymilian Dabkowski & Roman Feiman	C35	Alternative facts: Belief differences lead to differences in moral judgements of stereotype use Thalia Vrantsidis & William Cunningham
C27	WITHDRAWN	C36	Human Achievement and Artificial Intelligence Brett Karlan

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based, random, and self-chosen inequalities

**Lucy Stowe** & Nadia Chernyak

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<b>C37</b>	Your health vs. my liberty: Philosophical beliefs dominated reflection and identifiable victim effects when predicting public health recommendation compliance  Michał Białek & Nick Byrd	C45	Effects of language on social essentialist beliefs about mental illness Alban Foulser & Katharine Tillman
C38	Where do plants grow in your mind? Intuitive understanding about plant growth facilitates differentiation between real and artificial plants in adults and children Yuhan Wang, Weijia Wang & Qingfen Hu	C46	A crosslinguistic study of the acquisition of time words in English- and German-speaking children Katherine Williams, Anna Bánki, Gabriela Markova, Stefanie Hoehl, & Katharine Tillman
C39	Children spontaneously use causal structure when making similarity judgments Alexandra Rett, Jamie Amemiya, Micah Goldwater & Caren Walker	C47	Experts interpret generalizations differently than novices Jeff Coon, Alexander Etz, Gregory Scontras & Barbara W. Sarnecka
C40	Modelling intelligence: The good, the bad, and the plural Dimitri Coelho Mollo	C48	Does the similarity between arbitrary group symbols lead to greater perceived group similarity?  Pinar Aldan & Yarrow Dunham
C41	Evidence for multiple sources of inductive potential: Occupations and their relations to social institutions Alexander Noyes & Katherine Ritchie	C49	WITHDRAWN
C42	Addiction and compulsion: Two ambiguities Arthur Krieger	C50	The overly modular mind, or how can we stop believing in the John the Baptist module? Alexander Wentzell
C43	Visual scoping operations for physical assembly Felix Binder, Marcelo G. Mattar, David Kirsh and Judith E. Fan	C51	Present truth: The role of news media in the post-truth era Natasha van Antwerpen, Deborah Turnbull & Rachel Searston
	Beating around the bush:		How 4-8-year-old children justify and rectify structural, merit-

**C44** 

Status, stakes, and perceptions of indirect speech

Isobel Munday & Laura Niemi

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D1	Motive on the mind: Explanatory preferences at multiple stages of the legal-investigative process  Alice Liefgreen, Sami Yousif, David A. Lagnado, & Frank Keil	D10	Neurocognitive Parity: What can the mechanics of knowledge attribution tell us about knowledge?  Adam Bricker
D2	Young children use one-to-one correspondence to establish equality after learning to count Rose Schneider & David Barner	D11	Linear time in perception and memory Gerardo Viera
D3	WITHDRAWN	D12	Learning generic statements: The role of distinctiveness and of impact Patricia Mirabile, Robert van Rooij, & Katrin Schulz
D4	Extended predictive minds: Do Markov blankets matter?  Marco Facchin	D13	Reasoning with synaesthesia Alma Barner
D5	Self-control without value hierarchy Polaris Koi	D14	The process of making transformative decisions: Conceptual foundations and early empirical findings Shahar Hechtlinger, Christin Schulze, & Ralph Hertwig
D6	The Metacognitive Account of Moral Intuition  Dario Cecchini	D15	Children's social comparison motivation in minimal groups Anna-Katrine Sussex, Xin Yang, & Yarrow Dunham
D7	Trust built on benefits: Why it is rational to trust in the Stag Hunt Game Xuanpu Zhuang	D16	Feeling guilty for my victim: A cross-cultural study of the sense of guilt and the Trolley Problem  Zhiheng Han & Masaharu Mizumoto
D8	Listening as an active perceptual experience Giulia Lorenzi	D17	Philosophical expertise put to the test Samuel Schindler & Pierre Saint Germier
D9	'What if everyone does the same?' The scope of 'the logic of universalisation' and its relation to moral judgements	D18	Perceptual primitives and the construction of mental imagery Stephen Müller

Yuhan Fu

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D19	Chimpanzees' social and nonsocial decision making under uncertainty Lou M. Haux, Jan M. Engelmann, Esther Herrmann, & Ralph Hertwig	D28	The parts of (mostly) rational agents Sara Aronowitz
D20	WITHDRAWN	D29	Thinking about thinking through inverse reasoning  Marlene Berke & Julian Jara-Ettinger
D21	Intention beyond desire: Commitment in human action Shaozhe Cheng, Ning Tang, Wei An, Yang Zhao, Jifan Zhou, Mowei Shen, & Tao Gao	D30	The psychology of civility Laura Niemi, Jesse Graham, Morteza Dehghani, Kevin Kniffin & John Doris
D22	How does moral valence affect referential intuitions?  Jincai Li	D31	Explanation impacts hypothesis generation, but not evaluation, during learning Erik Brockbank & Caren Walker
D23	Harnessing moral psychology to reduce meat consumption  Joshua May & Victor Kumar	D32	Children's reality status judgments of temporal phenomena James Daly, Cole Dougherty & Katharine Tillman
D24	Formal explanations explainThey are not mere placeholders Shamauri Rivera, Sam Prasad, & Sandeep Prasada	D33	Carving up participation: Sense-making and sociomorphing for artificial minds Eli McGraw & Robin Zebrowski
D25	WITHDRAWN	D34	Extended or embodied? Questioning a conventional alliance in cognitive science Michael Bruckner
D26	Representationalism, size perception, and the challenge from deep fovea Louise Daoust	D35	Is there an interplay between sociopolitical views and epistemic decisions of scientists?  Vlasta Sikimic
D27	Pointless suffering? The problem of evil and experimental philosophy of religion lan Church, Isaac Warchol, & Justin Barrett	D36	Aphantasia, unsymbolized thinking, and conscious thoughts Raquel Krempel

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D37	The 'Knobe effect' as an instance of a 'severity effect'  Jan García Olier & Markus Kneer	D46	Epistemic modality and the 'true' nature of eavesdropping judgments Giuseppe Ricciardi & Joshua Martin
D38	Young Children's Evaluation and Categorization of Distinct Moral Actions Danyang Ma, Lucy Stowe & Nadia Chernyak	D47	WITHDRAWN
D39	Lifelines: Summarizing the Pattern of a Meaningful Life Pechthida Kim, Julian De Freitas & Tomer Ullman	D48	What does pleasure want? Uku Tooming
D40	Lost in a Good Story: The Role of Genre and Modality on Narrative Transportation Ravneet Sandhu & Deena Wesiberg	D49	Vox Ex Machina: Semantic Competence of Neural Language Models Krzysztof Dolega & Raphaël Millière
D41	Synesthesia as a mechanism of conceptualization Roy Porat & Noam Sagiv	D50	Are efficient coding explanations in computational neuroscience explanatory in virtue of being distinctively mathematical?  Chrysi Malouchou Kanellopoulou
D42	Common Knowledge: A Dual-Process Perspective Liang Zhou Koh	D51	Unequal Treatment of Animals Signals Parochial Intergroup Attitudes Wen Zhou, Sarah Gaither & Brian Hare
D43	Training introspection into higher mental processes Adam Morris	D52	18-month-old infants differentiate between moral and conventional violations Anja Kassecker, Stephan S. Verschoor, Marco F. H. Schmidt
D44	Intuition is Favored Over Deliberation When Authenticity Matters Kerem Oktar & Tania Lombrozo	D53	A Complementary Approach to Comparative Psychology Charles Beasley
D45	Children's Developing Intuitions about the Controllability of Beliefs Joshua Confer, Hanna Schleihauf & Jan Engelmann	D54	The predictive power of function Emily Foster-Hanson & Tania Lombrozo

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D55	Social and cognitive influences on exact reciprocity norms  Nadia Chernyak & Sifana Sohail	D63						
D56	The psychological approach to personal identity and dissociative identity disorder Amy Harms	D64						
D57	WITHDRAWN	D65						
D58	Fearful object seeing Felipe N. Carvalho	D66						
<b>D59</b>	Great minds do not think alike: Predicting philosophers and non-philosophers' views from culture, gender, personality, philosophical training, and reflection  Nick Byrd	D67						
D60	What does individual psychology tell us about structural inequality? Dehumanization, racism, and bridging the gap between structuralism and individual psychology  Leda Berio & Benedict Kenyah-Damptey	D68						
D61	Going it alone: A universal aversion to the wisdom of crowds Josien Reijer, Kelli Barr, Anna Dorfman, Kristopher Smith, Lixia Yi, Steve Stich, Clark Barrett, Igor Grossman, & Edouard Machery	D69						
D62	A scale to reliably measure ethical judgments about genetic technologies predicts behaviour Svenja Küchenhoff & Nora Heinzelmann	D70						