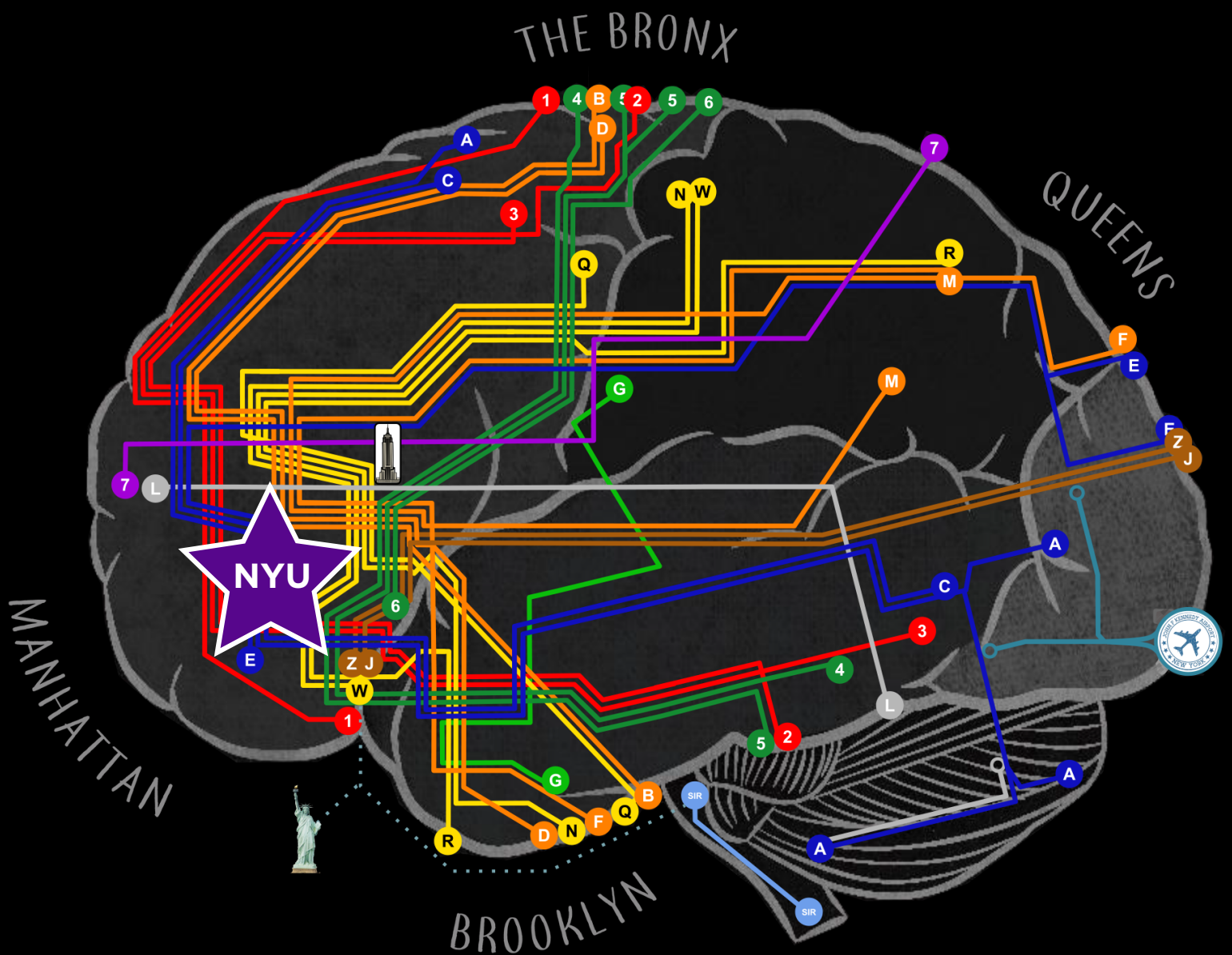


The 26th Annual Meeting of the
**Association for the Scientific
Study of Consciousness**



New York University
June 22 - 25, 2023

THURSDAY, JUNE 22

FRIDAY, JUNE 23

SATURDAY, JUNE 24

SUNDAY, JUNE 25

	THURSDAY, JUNE 22	FRIDAY, JUNE 23	SATURDAY, JUNE 24	SUNDAY, JUNE 25			
	REGISTRATION SUDLER LOBBY 8 AM-6:30 PM	REGISTRATION SUDLER LOBBY 8:30 AM-6:30 PM	REGISTRATION SUDLER LOBBY 8:30 AM-6:30 PM	REGISTRATION SUDLER LOBBY 8:30 AM-6:30 PM			
8:30 AM	COFFEE GREENBERG 8:30-9 AM	COFFEE GREENBERG 8:30-9 AM	COFFEE GREENBERG 8:30-9 AM	COFFEE GREENBERG 8:30-9 AM			
9:00 AM	TUTORIALS CLASSROOMS 204, 206, 210, 218, 220 9-12 PM	KEYNOTE: MAY-BRITT MOSER TISHMAN 9-10AM	KEYNOTE: THOMAS NAGEL TISHMAN 9-10AM	KEYNOTE: YOSHUA BENGIO TISHMAN 9-10AM			
9:30 AM							
10:00 AM		COFFEE GREENBERG 10-10:30 AM	COFFEE GREENBERG 10-10:30 AM	COFFEE GREENBERG 10-10:30 AM			
10:30 AM		CONCURRENT SESSIONS 1-6 CLASSROOMS 202, 204, 206, 210, 218, 220 10:30 AM-12:30 PM	SYMPOSIA INTROSPECTION / TISHMAN AFFECT / CLASSROOM 210 10:30-12:30 PM	CONCURRENT SESSIONS 19-24 CLASSROOMS 204, 206, 210, 214, 218, 220 10:30 AM-12:30 PM			
11:00 AM							
11:30 AM							
12:00 PM	LUNCH BREAK 12-1 PM	LUNCH BREAK 12:30-1:15 PM	LUNCH BREAK 12:30-1:15 PM	LUNCH BREAK 12:30-1:15 PM			
12:30 PM							
1:00 PM	TUTORIALS CLASSROOMS 204, 206, 210, 218, 220 1-4 PM	POSTER SESSION 1 + COFFEE GREENBERG 1:15-2 PM	CAREER PANEL / TISHMAN 1:15-2 PM	POSTER SESSION 3 + COFFEE GREENBERG 1:15-2 PM			
1:30 PM			POSTER SESSION 2 + COFFEE GREENBERG 1:15-2 PM				
2:00 PM			SYMPOSIA LEARNING / TISHMAN MATH SPACES / CLASSROOM 210 2-4 PM	CONCURRENT SESSIONS 13-18 CLASSROOMS 204, 206, 210, 214, 218, 220 2-3:30 PM	SYMPOSIUM ANIMAL CONSCIOUSNESS TISHMAN 2-4 PM		
2:30 PM							
3:00 PM							
3:30 PM			POSTER SESSION 2 + COFFEE GREENBERG 3:30-4:30 PM				
4:00 PM	COFFEE / GREENBERG 4-4:30 PM	POSTER SESSION 1 + COFFEE GREENBERG 4-5 PM		POSTER SESSION 3 + COFFEE GREENBERG 4-5 PM			
4:30 PM	OPENING REMARKS PRESIDENTIAL ADDRESS: JOSEPH LEDOUX KEYNOTE: DORIS TSAO TISHMAN 4:30-6:45 PM	CONCURRENT SESSIONS 7-12 CLASSROOMS 202, 204, 206, 210, 218, 220 5-6:30 PM	SYMPOSIUM THE RICHNESS DEBATE TISHMAN 4:30-6:30 PM	WILLIAM JAMES LECTURE: ELISABETH PARÉS PUJOLRÀS CLOSING REMARKS TISHMAN 5-6 PM			
5:00 PM							
5:30 PM							
6:00 PM							
6:30 PM	X						
7:00 PM		X	X	X			
7:30 PM	WELCOME RECEPTION SILVER CENTER 7-9 PM	25 YEARS OF CONSCIOUSNESS SKIRBALL THEATER 7:30-9:30 PM	CONFERENCE DINNER PIONEER WORKS 7:30-10:30 PM				
8:00 PM							
8:30 PM					AFTER PARTY AMITY HALL 8PM		
9:00 PM	X	STUDENT SOCIAL EVENT 10 PM					
9:30 PM							

CONFERENCE

NYU LAW SCHOOL
Vanderbilt Hall
40 Washington Square South
New York, NY 10012
Registration required.

WELCOME RECEPTION

SILVER CENTER FOR ARTS & SCIENCE
Hemmerdinger Hall & Silverstein Lounge
31 Washington Place
New York, NY 10003

PUBLIC EVENT

SKIRBALL CENTER FOR THE ARTS
566 LaGuardia Place
New York, NY 10012
Registration required.

AFTER PARTY

AMITY HALL DOWNTOWN
80 W 3rd St
New York, NY 10012

HOTEL

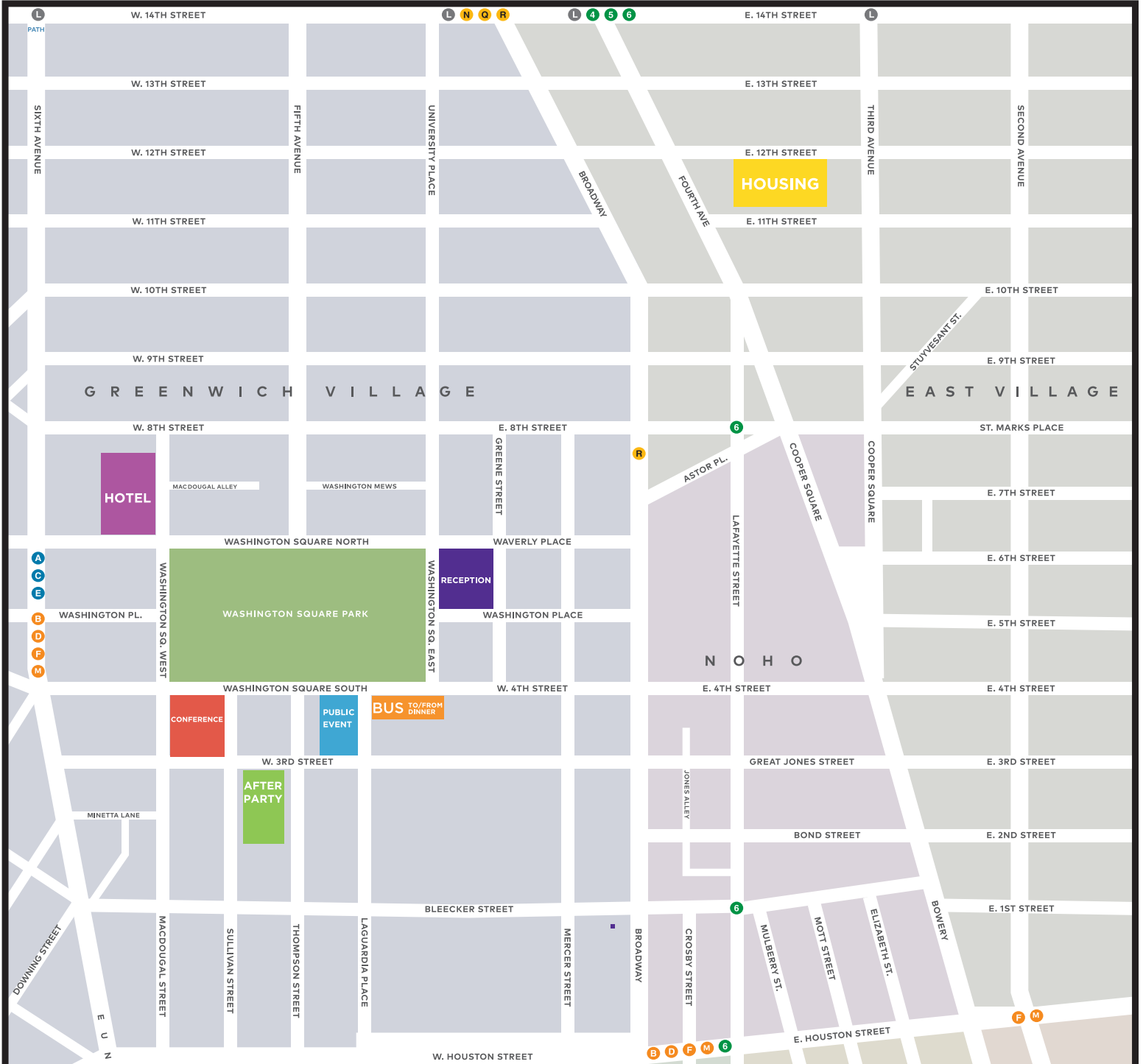
WASHINGTON SQUARE HOTEL
103 Waverly Place
New York, NY 10011
(212) 777-9515
Reservation required.

DORMITORY HOUSING

FOUNDERS HALL
120 E 12th St
New York, NY 10003
Reservation required.

BUS: DINNER

BOBST LIBRARY
70 Washington Square South
New York, NY 10012
Reservation required.



Thursday, June 22, 2023

8:30 AM - 5:30 PM	Registration (Sudler Lobby)
8:30 AM - 9:00 AM	Coffee (Greenberg Lounge)
9:00 AM - 12:00 PM	Tutorial: Philosophical Theories of Consciousness (Classroom 218) Rocco J. Gennaro
9:00 AM - 12:00 PM	Tutorial: Mathematical consciousness science for the working consciousness researcher (Classroom 220) Johannes Kleiner, Lenore Blum, Ryota Kanai, and Wanja Wiese
9:00 AM - 12:00 PM	Tutorial: A practical guide to EEG analysis tools used in the neuroscience of consciousness and cognition (Classroom 210) David W. Zhou, Thomas Donoghue, Emily P. Stephen, and Matteo Feccchio
9:00 AM - 12:00 PM	Tutorial: Analyzing Brain-Body Interaction (Classroom 206) Esra Al, Leah Banellis, and Ignacio Rebollo
9:00 AM - 12:00 PM	Tutorial: Measures and models of metacognition (Classroom 204) Stephen Fleming
12:00pm-1:00pm	Lunch <i>Break for lunch. Not catered - list of local options provided.</i>
1:00 PM - 4:00 PM	Tutorial: The sensorimotor approach to phenomenal consciousness and its link to illusionism (Classroom 204) J. Kevin O'Regan, Keith Frankish, and Dave Ward
1:00 PM - 4:00 PM	Tutorial: Integrated Information Theory 4.0 (Classroom 210) William Marshall and Melanie Boly
1:00 PM - 4:00 PM	Tutorial: Robust methods for within-participant analyses of neuroimaging data: Bayesian prevalence and information theory (Classroom 220) Andres Canales-Johnson and Robin A.A. Ince
1:00 PM - 4:00 PM	Tutorial: Shared subcortical arousal mechanisms across diverse perceptual and volitional modalities (Classroom 218) Hal Blumenfeld, Sharif Kronemer, Kate Christison-Lagay, and David Jin
1:00 PM - 4:00 PM	Tutorial: Communicating consciousness science to funders and general public (Classroom 206) Megan Peters, Brian Odegaard, and Nora Bradford
4:00 PM - 4:30 PM	Coffee (Greenberg Lounge)
4:30 PM - 6:45 PM	Opening Session (Tishman Auditorium) Opening Remarks (4:30 - 4:45) Presidential Address: Joseph LeDoux—Our Four Realms of Existence: A Fresh Look at the Science of What and Who We Are (4:45 - 5:45) Keynote: Doris Tsao—The Origin of Consciousness in the Breakdown of the Cortical Hierarchy (5:45 - 6:45)
7:00 PM - 9:00 PM	Welcome Reception (NYU Silver Center, 31 Washington Place)

Friday, June 23, 2023

8:30 AM - 6:30 PM	Registration (Sudler Lobby)
8:30 AM - 9:00 AM	Coffee (Greenberg Lounge)
9:00 AM - 10:00 AM	Keynote: May-Britt Moser—The Hippocampal Formation and Space, Time and Memory (Tishman Auditorium)
10:00 AM - 10:30 PM	Coffee (Greenberg Lounge)
10:30 AM - 12:30 PM	Concurrent Session: Philosophical Foundations (Classroom 220) <ul style="list-style-type: none"> • Kob L. - The structure of consciousness bridges the gap between phenomenality and function (10:30 - 10:45) • Lyre, H. - Neurophenomenal structuralism (10:45 - 11:00) • Kirkeby-Hinrup, A. - Exploring the Simultaneous Multiple Realization Hypothesis (11:00 - 11:15) • Sebastian, M.A. - Perspectival Information in Multisensory Integration (11:15 - 11:30) • Saran, K. - What's wrong with GOTHic hallucinations? (11:30 - 11:45) • Mihalik, J. - The Meta-Problem of Acquaintance (11:45 - 12:00) • Berger, J. - How Qualities and Content Interact in Perception (12:00 - 12:15) • Chuard, P. - Postdictive Explanations? (12:15 - 12:30)
10:30 AM - 12:30 PM	Concurrent Session: Metacognition (Classroom 206) <ul style="list-style-type: none"> • Hesp, C. et al. - Towards a computational phenomenology of mental action: modelling meta-awareness and attentional control with deep parametric active inference (10:30 - 10:45) • Rahnev, D. - Measuring metacognition: A comprehensive empirical assessment of current methods (10:45 - 11:00) • Fleming, S. et al. - Characterising the structure and dynamics of global metacognition (11:00 - 11:15) • Fotopoulou, A. - The Computational Neuropsychology of Self-Awareness: From Sensory to Metacognitive Predictive Errors (11:15-11:30) • Kletenic, I. et al. - Network Localization of Visual and Motor Anosognosia: memory and metacognition (11:30-11:45) • Ivanchei, I. - Dynamics of confidence in implicit probabilistic learning (11:45 - 12:00) • Bradford, N. et al. - Model-based approach for extracting performance-independent metacognitive sensitivity from meta-learning data (12:00 - 12:15) • Nasrini, J. et al. - Assessing the Subjective Effort of Working Memory Maintenance in Monkeys (12:15 - 12:30)
10:30 AM - 12:30 PM	Concurrent Session: Correlates of Conscious Vision (Classroom 210) <ul style="list-style-type: none"> • Colombari, E. et al. - An innovative approach to investigate the spatiotemporal dynamics of conscious vision (10:30 - 10:45) • Wu, Y-H. et al. - Distinct sources of spontaneous activity influencing perceptual sensitivity and criterion (10:45 - 11:00) • Hesse, J. et al. - The role of recurrent feedback during conscious perception in binocular rivalry (11:00 - 11:15) • Doerig, A. et al. - Representational similarity across visual cortex explains the attentional blink (11:15-11:30) • Hadid, V. et al. - The vMMN: a neural marker for unconscious processing in cortical blindness (11:30-11:45) • Vishne, G. et al. - Representation of sustained passive visual experience across different frequency ranges (11:45 - 12:00) • Friedman, D. et al. - Intersubject consistency as a window into deciphering the neuronal code underlying conscious perception (12:00 - 12:15) • Hense, A. et al. - Neural correlates of sustained consciousness in an inattentive blindness paradigm (12:15 - 12:30)

Friday, June 23, 2023 *continued*

<p>10:30 AM - 12:30 PM</p>	<p>Concurrent Session: Virtual Reality and Neurotechnology (Classroom 218)</p> <ul style="list-style-type: none"> • Barrow, N. & Haggard, P. - Experience machines and reality: the finishing touch (10:30 - 10:45) • Vehar, N. et al. - Who is that, behind me? Investigating the identity of induced presence hallucinations by merging face morphing, robotics and virtual reality systems (10:45 - 11:00) • Drori, G. et al. - Dissociable behavioral responses to virtual hallucinations suggest that sense of reality relates to perceptual priors (11:00 - 11:15) • Vold, K. - Augmenting the dimensions of consciousness (11:15 - 11:30) • Bicego, A. - Virtual reality hypnosis reduces electrophysiological and subjective pain perceptions of healthy participants (11:30 - 11:45) • Ken Mogi - Interface between humans and artificial intelligence in conscious judgement processes (11:45 - 12:00pm) • Motyka, P. et al. - Investigating the role of sensorimotor spatial dependencies in shaping conscious access to virtual 3D objects (12:00 PM - 12:15) • Soto, D. et al. - Manipulating semantic representations without awareness by using fMRI-based decoded neurofeedback (12:15 PM - 12:30)
<p>10:30 AM - 12:30 PM</p>	<p>Concurrent Session: Sleep, Dreaming, Anesthesia (Classroom 204)</p> <ul style="list-style-type: none"> • Decat, N. et al. - DREAM: A Dream EEG and Mentation database (10:30 - 10:45) • Siclari, F. et al. - Non-REM parasomnia experiences are associated with EEG signatures of dreaming (10:45 - 11:00) • Claassen, J. et al. - Well-Formed N2 Sleep Architecture is Associated with a Higher Likelihood of Cognitive Motor Dissociation (11:00 - 11:15) • Bellemare-Pepin et al. - Exploring states of consciousness through EEG harmonicity: Novel insights from sleep recordings (11:15 - 11:30) • Andrillon, T. - Sleep-like brain activity in wakefulness shapes the dynamics of attention and consciousness (11:30 - 11:45) • Zarr, V.M. et al. - Propofol induced burst suppression evokes neuronal firing and local field potential traveling waves in the human brain (11:45 - 12:00) • Fotiadis, P. et al. - Dexmedetomidine-induced loss of consciousness is characterized by increased structure-function coupling and decreased cerebral blood flow (12:00 - 12:15) • Mao, R. et al. - Investigating the Role of Cerebral Cortex in Consciousness (12:15 - 12:30)
<p>10:30 AM - 12:30 PM</p>	<p>Concurrent Session: Action, Decision, Volition (Classroom 202)</p> <ul style="list-style-type: none"> • Seghezzi, S. et al. - Voluntary actions and problem-solving (10:30 - 10:45) • Gavenas, J. et al. - The readiness potential and antecedent pupil dilations reflect two distinct aspects of conscious volition (10:45 - 11:00) • Maoz, U. - The nature of the readiness potential in conscious, voluntary actions (11:00 - 11:15) • Bertoni, T. et al. - Pre-movement alpha oscillations shape the sense of agency by gating sensorimotor binding (11:15 - 11:30) • Coucke, N. et al. - The Role of Metacognition in Embodied Joint Decision Making (11:30 - 11:45) • Morris, A. et al. – Conscious awareness of multi-attribute choice processes (11:45 - 12:00) • Rimkevičius, P. et al. - Mental Imagery and the Experience of Volition (12:00 - 12:15) • So, N. & Shadlen, M.N. - Decision formation in parietal cortex transcends a fixed frame of reference (12:15 - 12:30)
<p>12:30 PM - 1:15 PM</p>	<p>Lunch <i>Break for lunch. Not catered - list of local options provided.</i></p>

Friday, June 23, 2023 *continued*

1:15 PM -
2:00 PM

Poster Session 1 + Coffee (Greenberg Lounge)

- Afik Faerman and David Spiegel - Neuropsychological profiles of top-down modulation of conscious experiences in hypnosis
- Aida Elamrani - Artificial Consciousness and Chatbots
- Alessandra DallaVecchia et al. - Describing different critical points in conscious and unconscious states using TMS-EEG
- Amit Regev Krugwasser et al. - Neural Correlates of the Embodied Sense of Agency: A Pre-registered EEG Study
- Aniko Kusztor et al. - Peeking behind the veil: exploring altered visual perception in derealisation
- Antje Peters et al. - Neural correlates of consciousness in an inattentive numbness paradigm
- Arthur Le Coz et al. - Exploring the dynamics of conscious experiences in narcolepsy
- Arthur Shapiro - Color is how the brain creates and demarcates visual space
- Beatrice P. De Koninck et al. - Trajectories of consciousness and functional recovery: A longitudinal case series of five brain-injured patients
- Brenna Hagan et al. - Dementia as a Disorder of Consciousness
- Céline Souchay et al. - Sport metacognition: How do basketball players use the visual cue to assess the outcome of their free throws?
- Chiara Caporuscio - Tripsitter or guide? A second-person perspective on psychedelic-assisted therapy
- Chiara Mazzi et al. - Mapping the functional asymmetry of visual processing
- Christopher J. Kymn - How neural similarity spaces can inform the metaphysics of perceptual experience
- Clara Colombatto and Steve Fleming - Inferring metacognition in humans and machines
- Daniel Skorich - Why are We Conscious? Cooperation Between Neural Signals as Replicators and the Emergence of Phenomenal Experience.
- Dehua Liang et al. - An investigation of the relationship between fMRI and MEG functional connectivity using data from the Human Connectome Project
- Devin Terhune and Naya Polychroni - Mind wandering as inference
- Dorian Goueytes et al. Intracranial markers of evidence accumulation subserve confidence judgments and changes of mind
- Dragana Manasova et al. - Multimodal assessment of Disorders of Consciousness using parallel EEG, anatomical, functional, diffusion MRI, and PET recordings
- Eliran Halali et al. - Between self-interest and social preferences – A neuromodulation approach to establish the role of cognitive-control
- Emma Chen et al. - Cost of changing one's mind reflects conscious intent in free and instructed selections
- George Deane - The unconscious mind in the predictive brain
- George Evangelou and James Moore - Predictability of haptic feedback affects awareness of intentions and actions: evidence from the Libet clock
- Gina Gilpin et al. - Investigating the neural circuit underlying subjective perception through a novel speech illusion
- Hsin-ping Wu et al. - Looking up or looking down: Towards a behavioral measure of experienced first-person perspective and its modulation by gravity
- Ignacio Cea - Continuous Organismic Sentience: a Challenge for Artificial Consciousness
- Ivan Mindlin et al. - Simulation of pharmacological treatments for recovery from disorders of consciousness using Whole Brain Modeling
- Jérôme Sackur et al. - The frequency and duration of off-task episodes
- Jingyi Ma et al. - Cross-modal correspondence between tactile onomatopoeia and color and its association with affective response
- Johan Eriksson et al. - Identification of task-relevant information but no control of selective spatial attention for unconscious information
- Joost Haarsma and Peter Kok - On the neural dynamics underlying high confidence false percepts
- Joshua Clingo - The Dyadic Relationship between Consciousness and Meaning
- Justyna Hobot et al. - Naturalistic use of psychedelics is related to emotional reactivity and self-consciousness: The mediating role of ego-dissolution and mystical experiences
- Karla Matic and John-Dylan Haynes - Overflowing oceans or overflowing puddles? Rethinking the evidence from partial report experiments.
- Katarzyna Hat et al. - Prediction of the metacognitive abilities across sensory modalities from resting-state fMRI
- Kelly Hoogervorst et al. - Individual differences in metacognition and anterior prefrontal cortex functional connectivity
- Kenneth T. Kishida et al. - Computing Conscious Experience: Reinforcement Learning, Neuromodulatory Systems, and Dynamic Changes in Phenomenal Experience
- Kinga Ciupińska et al. - Searching for domain-general and domain-specific neural correlates of auditory and visual consciousness - behavioral and ERP findings

Friday, June 23, 2023 *continued*

1:15 PM -
2:00 PM

Poster Session 1 + Coffee (Greenberg Lounge) — *continued*

- Kristen Kilgallen and Jorge Morales - What's the Best Way to Know Oneself? The Role of Internal and External Feedback on Metacognitive Enhancement
- Laura Convertino et al. - A pattern completion account of contextual and semantic influences on source (false) memory
- Leah Banellis et al. - Brain-stomach biomarkers of psychiatric symptoms, interoceptive awareness and bodily attention
- Lisa Luan - Subjective, physiological and EEG effects of continuous infusions of DMT
- Lotta Ottensmeyer et al. - Measuring the duration of an illusory motion percept – Findings from a staircase probe procedure with the Ring Rotation Illusion
- Lucas Jeay-Bizot et al. - Neural precursors of spontaneous decisions reflect general preparation to act rather than decision content
- Luis Carlo et al. The effect of guided Bilateral Eye Movements and Changing Visual Input on the detection of gradual changes in emotional faces
- Magdalena Jaglinska et al. - Time Tripping: Reductions in asynchronous neural communication supports changes in consciousness induced by LSD
- Marek Binder et al. - Investigation of the gamma-range auditory steady-state responses as a biomarker of awareness in disorders of consciousness
- Marika Constant et al. - Subjective confidence judgments promote stronger use of prior information than in decisions, even when accounting for differences in processing time
- Miriam Han et al. - Coma Prognostication Using EEG Responses to a Clinically Relevant Propofol Infusion
- Monja Hoven et al. - Differences in metacognitive functioning between obsessive - compulsive disorder patients and highly compulsive individuals from the general population
- Nir Lahav and Zachariah Neemeh - Can physics solve the hard problem of consciousness? The new solution of the relativistic theory of consciousness
- Pablo Mallaroni et al. - Still you: connectome fingerprints across psychedelic states of consciousness
- Pech Guillaume et al. - How arbitrary and deliberate decisions differ when studying the neuroscience of volition.
- Pedro T. Palhares and Óscar F. Gonçalves - Complex Consciousness in Musical Experiencing: A TMS-EEG investigation of brain complexity during jazz improvisation
- Qiantong Wu - Dreaming experience as immersive imagination: Response to the problem of dream report by Schwitzgebel
- Robert Balas et al. - Evaluative conditioning under limited cognitive resources: a tDCS study
- Rose Guingrich and Michael S. A. Graziano - Chatbots that are perceived as conscious and human-like can give social and emotional benefits to frequent users
- Ryo Hanashima and Junji Ohyama - Ownership for the body presented in third-person perspective investigated by VR experimental psychology
- Sonia Mele et al. - Subcortical structures of the visual system can process faces also in the absence of perceptual awareness
- Urszula Górska et al. - Low gamma auditory steady-state response is sensitive to the level of arousal and awareness during natural sleep
- Uwe Mattler and Nicolas Becker - Forward masking reduces priming effects of unconscious visual stimuli
- Vincent Weber et al. - Implicit Semantic Processing as Revealed by Representational Similarity Analysis Applied to EEG
- Vladimir A. Aksyuk - Consciousness is learning: predictive processing systems that learn by binding may perceive themselves as conscious
- Yannis Idir et al. - Talk-To-Me: is it possible to communicate with sleepwalkers during an episode ?
- Yen-Ju Feng and Po-Jang Hsieh - Decoding facial information without awareness under dis-continuous flash suppression
- Yen-Tung Lee - Role Representationalism as a Solution to Perceptual Variation without Illusion
- Zefan Zheng et al. - Which Visual Features in Consciousness are Automatically Consolidated in Memory: Employing a Single Stimulus Design in Massive Online Testing

Friday, June 23, 2023 *continued*

<p>2:00 PM - 4:00 PM</p>	<p>Symposium: Mathematical Spaces for Conscious Experiences (Classroom 210)</p> <ul style="list-style-type: none"> • Catherine Tallon-Baudry - The Topological Space of Subjective Experience 2:05pm-2:30pm • Andrew Lee - Dimensions of Consciousness 2:30pm-2:55pm • David Rosenthal - Quality Spaces and the Appearance-Reality Distinction for Consciousness 2:55pm-3:20pm • Johannes Kleiner - Unifying Spaces for Conscious Experience 3:20pm-3:45pm
<p>2:00 PM - 4:00 PM</p>	<p>Symposium: The Interplay between Consciousness and Learning (Tishman Auditorium)</p> <ul style="list-style-type: none"> • Lina Skora and Ryan Scott - The need for conscious access across different types of learning: From associative to instrumental learning 2:05pm-2:30pm • Răzvan Jurchis - Implicit learning of complex structures supports evaluative conditioning and instrumental responding effects 2:30pm-2:55pm • Gaetan Mertens - A critical assessment of the evidence for contingency unaware fear conditioning: Methodological and literature-wide problems 2:55pm-3:20pm • Eva Jablonka - The evolution of learning and the emergence of consciousness: predictions and implication of the UAL model 3:20pm-3:45pm
<p>4:00 PM - 5:00 PM</p>	<p>Poster Session 1 + Coffee (Greenberg Lounge) <i>See previous page for list of posters</i></p>
<p>5:00 PM - 6:30 PM</p>	<p>Concurrent Session: Imagery and Mind Wandering (Classroom 220)</p> <ul style="list-style-type: none"> • Dijkstra, N. & Fleming, S. - Fundamental constraints on distinguishing reality from imagination 5:00 PM - 5:15 PM • Kronemer, S.I. et al. - Exteroceptive versus interoceptive conscious perception: A 7T fMRI study of afterimages 5:15 PM - 5:30 PM • Boulakis, P. et al. - Large-scale cortical deactivations precede episodes of mindblinking during ongoing mentation 5:30 PM - 5:45 PM • Spagna, A. et al. - A new neurocognitive model of visual mental imagery: domain-specific and domain-general visual mechanisms 5:45 PM - 6:00 PM • Cabbai, G. et al. - Decoding spontaneous and voluntary imagery in the visual cortex of aphantasics and non-aphantasics 6:00 PM - 6:15 PM • Munoz, E. et al. - Leveraging neural indexes to track the dynamics of conscious contents in wakefulness 6:15 PM - 6:30 PM
<p>5:00 PM - 6:30 PM</p>	<p>Concurrent Session: Disorders of Consciousness 1 (Classroom 202)</p> <ul style="list-style-type: none"> • Ihalainen, R. et al. - Lateral frontoparietal effective connectivity differentiates and predicts state of consciousness in traumatic disorders of consciousness 5:00 PM - 5:15 PM • Meys, M. et al. - Disorders of Consciousness through Global Neurophysiological Measures: A Meta-Analysis 5:15 PM - 5:30 PM • Kazazian, K. et al. - Resting state networks predict the recovery of consciousness after acute severe brain injury. 5:30 PM - 5:45 PM • Maschke, C. et al. - Does Edge of Chaos Criticality have diagnostic or prognostic value in Disorder of Consciousness? 5:45 PM - 6:00 PM • Sala, A. et al. - Neural correlates of consciousness: a coordinate-based metaanalysis of brain alterations in disorders of consciousness 6:00 PM - 6:15 PM • Appavu, B. et al. - Detection of Covert Cortical Processing of Novel Stimuli Using Electroencephalography in Critically Ill Unresponsive Children 6:15 PM - 6:30 PM
<p>5:00 PM - 6:30 PM</p>	<p>Concurrent Session: Richness of Consciousness (Classroom 218)</p> <ul style="list-style-type: none"> • Hirschhorn, R. & Mudrik, L. - More than words - can free reports adequately measure the richness of perception? 5:00 PM - 5:15 PM • Goh, R.Z. - Iconic representation and the richness of visual experience 5:15 PM - 5:30 PM • Kozuch, B. - Either visual experience is impoverished, or "upper-deck" PFC Theory is false 5:30 PM - 5:45 PM • Odegaard, B. et al. - None so blind: meaningful changes are more detectable across saccade-induced blindness 5:45 PM - 6:00 PM • Snodgrass, M. - Access and Consciousness 6:00 PM - 6:15 PM • Nartker, M. et al. - What do the inattentively blind see? 6:15 PM - 6:30 PM

Friday, June 23, 2023 *continued*

<p>5:00 PM - 6:30 PM</p>	<p>Concurrent Session: Comparing Theories of Consciousness (Classroom 210)</p> <ul style="list-style-type: none"> • Droege, P. - We need a better definition of consciousness 5:00 PM - 5:15 PM • Fink, S.B. - Activation Bias 5:15 PM - 5:30 PM • Van Gulick, R. - Combining Higher-Order theory and the Global Workspace model - An alternative view of consciousness and self-awareness. 5:30 PM - 5:45 PM • Chis-Ciure, R. & Northoff, G. - How to Compare and Falsify Theories of Consciousness: A Novel Method for Inter-theoretic Empirical Translations 5:45 PM - 6:00 PM • Tian, K. et al. - An adversarial collaboration to test predictions of first-order and higher-order theories of consciousness using subjective inflation 6:00 PM - 6:15 PM • Koenig, L. et al. - Adjudicating between first-order and higher-order theories of consciousness: the role of prefrontal cortex 6:15 PM - 6:30 PM
<p>5:00 PM - 6:30 PM</p>	<p>Concurrent Session: Perception (Classroom 206)</p> <ul style="list-style-type: none"> • Khoudary, A. et al. - Perceptual decisions result from dynamic precision-weighted integration of memory and visual information 5:00 PM - 5:15 PM • Bosten, J. - The impact of notch filters on color perception in anomalous trichromacy 5:15 PM - 5:30 PM • Chang, A. et al. - Amplitude modulation of sound implicitly biases perception as music or speech 5:30 PM - 5:45 PM • Sitt, J. et al. - Processing of the same narrative stimuli elicits common functional connectivity dynamics between individuals 5:45 PM - 6:00 PM • Shor, J. et al. - Identifying the neural network dynamics underlying one-shot perceptual learning with intracranial EEG 6:00 PM - 6:15 PM • Micheli, F. et al. - Investigating automaticity constraints and cognitive penetrability of multisensory integration illusion. 6:15 PM - 6:30 PM
<p>5:00 PM - 6:30 PM</p>	<p>Concurrent Session: Artificial Intelligence (Classroom 204)</p> <ul style="list-style-type: none"> • Butlin, P. & Long, R. - An Interdisciplinary Collaborative Report on Consciousness in AI 5:00 PM - 5:15 PM • Wilby, M. & Strasser, A. - Situating Machines within Normative Practices: Agency, Moral Responsibility and the AI Stance 5:15 PM - 5:30 PM • Kiefer, A. - Vector embeddings as a representational format 5:30 PM - 5:45 PM • Shevlin, H. - Prospects and pitfalls for a science of artificial consciousness: the case of Large Language Models 5:45 PM - 6:00 PM • Suzuki, K. et al. - Modelling Phenomenological Differences in Aetiologically Distinct Visual Hallucinations Using Deep Neural Networks 6:00 PM - 6:15 PM • Simon, J. et al. - Finding Consciousness in an Attractor Landscape: Overflow For Global Workspace Theorists 6:15 PM - 6:30 PM
<p>7:30 PM - 9:30 PM</p>	<p>Public Event: 25 Years of Consciousness (Skirball Theater)</p> <p>A free public event, featuring Heather Berlin (MC), Ned Block, Melanie Boly, David Chalmers, Stanislas Dehaene, Daniel Dennett, Christof Koch, Lucia Melloni, Liad Mudrik, Per Snaprud, and others, with musical entertainment by Joe LeDoux and the Amygdaloids and by Baba Brinkman. The event will include a look back at the science of consciousness since the first ASSC conference in 1997, the resolution of a 25-year bet about the neural correlates of consciousness from 1998, and the presentation of new results from adversarial collaborations to test theories of consciousness.</p>
<p>10:00 PM - 2:00 AM</p>	<p>Student Social Event (Gaia Nomaya)</p>

Saturday, June 24, 2023

8:30 AM - 6:30 PM	Registration (Sudler Lobby)
8:30 AM - 9:00 AM	Coffee (Greenberg Lounge)
9:00 AM - 10:00 AM	Keynote: Thomas Nagel—Psychophysical Monism as an Ideal (Tishman Auditorium)
10:00 AM - 10:30 AM	Coffee (Greenberg Lounge)
10:30 AM - 12:30 PM	Symposium: Affective impact on perception (Classroom 210) <ul style="list-style-type: none"> • Marisa Carrasco - Emotion potentiates the effects of attention on visual perception and appearance 10:35am-11:00am • Judith Domínguez-Borràs - Emotional influences on perception and attention: amygdala and neural circuits 11:00am-11:25am • Frédérique de Vignemont - Seeing Danger 11:25am-11:50am • Hilla Jacobson - Intrinsically Valenced Perception 11:50am-12:15pm
10:30 AM - 12:30 PM	Symposium: Broad-spectrum introspection: Metacognition and self-awareness across diverse domains (Tishman Auditorium) <ul style="list-style-type: none"> • Jorge Morales - How Many Metacognitive Capacities There Are? Challenges for A Domain-General Metacognition 10:35am-11:00am • Tony Cheng - Tactile Introspection: A Case for Perspectivalism in Touch 11:00am-11:25am • Elisa Filevich - The Contribution of Different Sensory Modalities to Motor Metacognition and What That Tells Us About The Relationships Between Domains 11:25am-11:50am • Sarah Garfinkel - The divergence between interoceptive accuracy and interoceptive awareness in autistic individuals 11:50am-12:15pm
12:30 PM - 1:15 PM	Lunch <i>Break for lunch. Not catered - list of local options provided.</i>
1:15 PM - 2:00 PM	Career Panel (Tishman Auditorium)

Saturday, June 24, 2023 *continued*

1:15 PM -
2:00 PM

Poster Session 2 + Coffee (Greenberg Lounge)

- Aishwarya Bhonsle et al. - Decrease in perceptual suppression correlates with increased heart rate
- Albert Louis Philippe et al. - Robotically induced Presence Hallucination in healthy participants alters numerosity perception of digital humans
- Alex Lepauvre et al. - Variational RSA applied to iEEG data
- Amélie Barbier - The social role of sleep, dreams and visions in the Koryak village of Tymlat (Kamchatka, Russian Far East)
- Angeliki Charalampaki and Elisa Filevich - The role of tactile information on metacognitive representations of agency
- Antonio Cataldo et al. - Active self-touch restores bodily self-awareness altered by the rubber hand illusion
- Audrey Lamy-Proulx et al. - Reverse correlating the content of mental images with electroencephalography
- Aya Khalaf et al. - fMRI-based decoding approaches to test contradicting predictions of global neuronal workspace and integrated information theory
- Brian Key and Deborah Brown - The sense making sense hypothesis
- Chris J.A Moulin and Fabien Carreras - Towards a measure of metacognition in autobiographical memory
- Charlotte Van den Driessche - Stream of Consciousness as a Markov Chain
- Daiki Kiyooka et al. - Single-cell resolution functional networks in mice during NREM sleep are segregated into spatially distributed modules
- Dariusz Asanowicz et al. - Proactive action control is associated with theta activity in the mid-frontal and right lateral-prefrontal areas
- David N. Silverstein et al. - How might subcortical structures contribute to the readiness potential?
- Eleftheria Pistolas et al. - Ganzfeld induced alterations in consciousness
- Elizaveta Baranova-Parfenova et al. - Exploring the neural basis of time perception: an fMRI study on the effects of pause duration in temporal reproduction task
- Emilia Flo et al. - What drives intersubject correlation during passive listening?
- Gabriel Vogel et al. - The neural correlates of everyday confabulation and choice blindness: a fMRI study
- Genji Kawakita et al. - Is my "red" your "red"? Unsupervised alignment of qualia structures via optimal transport
- Giusi Pollicina et al. - Semantically congruent sounds increase perceptual dominance times of human images during binocular rivalry
- Ilona Kotlewska et al. - Extended self: neural correlates of self-face and personal objects perception
- Jason Karlawish et al. - What is it like to be a person with advanced dementia?
- Jiangaho Liu et al. - Ultra-high field fMRI of visual mental imagery in typical imagers and aphantasic individuals
- Joanna Sweklej et al. - Intuitive judgments of semantic coherence depend on perceptual and semantic fluency
- Joel Frohlich et al. - A dissociation between EEG entropy at slow and fast timescales in non-pharmacological altered states of consciousness
- Juan Carlos et al. - Toward the Systematic Study of Attribution of Consciousness to Artificial Conversational Agents
- Laouen Belloli et al. - Studying latent representations of Disorder of Consciousness using VAEs on EEG-to-Marker translations
- Liam J. Norman and Robert W. Kentridge - Neural populations involved in the sparse encoding of visual diversity: an fMRI adaptation study
- Ling Liu et al. - GNW vs. IIT: Decoding of consciously perceived stimuli in the MEG signal

Saturday, June 24, 2023 *continued*

1:15 PM -
2:00 PM

Poster Session 2 + Coffee (Greenberg Lounge) — *continued*

- Lucia Melloni et al. - Putting theories to test: an overview of the Cogitate Consortium - an open science adversarial collaboration testing GNW and IIT
- Mahault Albarracin et al. - Hierarchical markov blanket consciousness
- Mar Estarellas Garcia et al. - MEG MARKERS OF AROUSAL AND CONSCIOUSNESS IN EARLY ALZHEIMER'S DISEASE
- Maximilian P. Wolkersdorfer and Thomas Schmidt - Reshaping priming effects through response-deadline variation
- Melanie Boly et al. - Neural Correlates of Pure Presence
- Nanna M. Strid et al. - Does Emotional Language Use in Dream and Mind-Wandering Reports Reflect Mental Well-Being and Ill-Being?
- Noam Goldway et al. - The analgesic and dissociative properties of ketamine are separate and correspond to distinct neural mechanisms
- Ondřej Bečev et al. - High-frequency rTMS over right inferior parietal cortex alters sense of agency: an rTMS/EEG study
- Ophir Netzer - Suboptimal Inference of the Self? Physiological Signals Dissociate Explicit and Implicit Measures of Agency
- Oscar Ferrante et al. - Testing Global Neuronal Workspace and Integrated Information Theory with Magnetoencephalography: Analyzing Activation and Synchronization in the Brain
- Paavo Pylkkanen - Informational theories of consciousness
- Pablo Rodríguez-San Esteban et al. - Boosting conscious perception through attention and neuromodulation
- Panagiota Theodoni - A neural network model for the distributed nature of conscious content
- Paul Linton - Consciousness: How Low Can You Go?
- Paul Z. Cheng et al. - An fMRI replication study using a subjective colour preference task to probe self-related networks
- Paweł Orłowski et al. - Perception of facial emotional expressions in experienced users of classic psychedelics: a cross-sectional ERP study
- Paz Bar-Tal et al. - UnReal? Kinematic responses to deviations from Sense of Reality
- Qilong Xin et al. - Subcortical mechanisms of visual perception: preliminary results from thalamic recording and stimulation
- Rami Gabriel - The Thick Present: Matter as Memory
- Regan Harle et al. - The neurobiology of language mediates alterations in conscious experience induced by psychedelic drugs
- Ryu Ohata and Henrik Ehrsson - Bodily illusion enhances subjective fear by margin-of-safety violation around the experienced self
- Sabrina Lenzoni et al. - Electrophysiology of memory monitoring: the role of sensory processing in age-related changes in error awareness
- Sarah C. Kimmel et al. - Modeling and Predicting the Attention of Other Individuals
- Sarah H. McGill et al. - Thalamic Awareness Potential Elicited in Mice
- Satoshi Nishida et al. - Neural signature of phenomenological attitude toward perceptual experience
- Seyedmehdi Orouj et al. - An enhanced, task-relevant autoencoder approach to characterizing information transfer between high-level visual and cognitive regions in the brain
- Sidath Rankaduwa et al. - The Effects of Psilocybin on Top-Down Visual Illusions and Cognition
- Simon Henin et al. - Decoding the content of consciousness in iEEG
- Stefano Ioannucci and Petra Vetter - Congruent sounds boost dynamic biological motion stimuli into visual awareness
- Victor Oswald et al. - Brain interoceptive fingerprint of self-induced cognitive trance
- Victoria E. Gobo et al. - Pupil size as a real-time marker of arousal and perception state
- Yamil Vidal et al. - Contrasting the predictions of the Global Neural Workspace theory and Integrated Information Theory using fMRI conjunction maps
- Yoshinori Nanjo et al. - Neural Substrates of Metacognition Under Sequential Decision-Making
- Youngzie (Zoe) Lee and Martin M. Monti - Investigating Dimensions of Consciousness for a Comprehensive Assessment of Phenomenological Experience
- Yunxuan Zheng et al. - Blurring the lines between cognition and metacognition: the case of meta-metacognition

Saturday, June 24, 2023 *continued*

<p>2:00 PM - 3:30 PM</p>	<p>Concurrent Session: Altered States of Consciousness (Classroom 210)</p> <ul style="list-style-type: none"> ● Murray, C. et al. - A Comparative Neuropsychopharmacology of Altered States of Consciousness 2:00 PM - 2:15 PM ● Stoliker, D. et al. - Meditation Altered Psilocybin-Induced Effective Connectivity 2:15 PM - 2:30 PM ● Herzog, R. et al. - High-order functional connectivity: a data-driven approach for studying states of consciousness 2:30 PM - 2:45 PM ● Shinozuka, K. et al. - LSD Disrupts the Encoding of the Arrow of Time in the Brain 2:45 PM - 3:00 PM ● Sanders, J.W. et al. - Towards a micro-phenomenology of the intravenous DMT state 3:00 PM - 3:15 PM ● Carter, O. et al. - Using meditation and psychedelic science to examine dimensions of consciousness 3:15 PM - 3:30 PM
<p>2:00 PM - 3:30 PM</p>	<p>Concurrent Session: Disorders of Consciousness (II) (Classroom 214)</p> <ul style="list-style-type: none"> ● Alaerts, K. et al. - Oxytocin administration in children with autism facilitates the transient incidence of non-harmonic relationships between alpha and theta rhythms in the resting brain 2:00 PM - 2:15 PM ● Bernasconi, F. et al. - Theta oscillations and minor hallucinations in Parkinson's disease reveal decrease in frontal lobe functions and later cognitive decline 2:15 PM - 2:30 PM ● Cardone, P. et al. - Regaining sight after zolpidem: a problem of access consciousness or a new conscious state? 2:30 PM - 2:45 PM ● Cecconi, B. et al. - Does the current evidence for unconscious processing invalidate a clinical assessment of consciousness based on behaviour? 2:45 PM - 3:00 PM ● Liu, S. et al. - Decreased firing in subcortical cholinergic neurons associated with loss of consciousness in an awake behaving mouse temporal lobe seizure model 3:00 PM - 3:15 PM ● Serino, A. - Multisensory integration in Peripersonal Space as a neurophysiological marker of self-consciousness 3:15 PM - 3:30 PM
<p>2:00 PM - 3:30 PM</p>	<p>Concurrent Session: Perception & Attention (Classroom 204)</p> <ul style="list-style-type: none"> ● Ziman, K. et al. - Predictive modeling of attention 2:00 PM - 2:15 PM ● Forster, S. et al. - Blinded and deafened by our thoughts? Amodal and modality-specific competition for internal and external sensory representations 2:15 PM - 2:30 PM ● Chen, G. et al. - Dual-task paradigm reveals unconscious speech perception during Inattentional Deafness 2:30 PM - 2:45 PM ● Khalaf, A. et al. - Shared subcortical arousal networks across sensory modalities during transitions in attention 2:45 PM - 3:00 PM ● Doradzińska, L. & Bola, M. - What is the contribution of attention to Perceptual Awareness Negativity? 3:00 PM - 3:15 PM ● Robinson, J.E. et al. - Active inference and conscious content: A psychophysical study of re-emergence in motion induced blindness 3:15 PM - 3:30 PM
<p>2:00 PM - 3:30 PM</p>	<p>Concurrent Session: Ethics, Value, Valence, Pain (Classroom 206)</p> <ul style="list-style-type: none"> ● Dolega, K. - Hidden in plain sight: on the elusive nature of valence in perceptual experience 2:00 PM - 2:15 PM ● Cleeremans, A. & Tallon-Baudry, C. - The value of consciousness 2:15 PM - 2:30 PM ● Cappell, D. - Can we discard sentience-based ethics? 2:30 PM - 2:45 PM ● Sandra, D.A. et al. - Presenting a Sham Intervention as Personalised Increases Its Perceived Effectiveness 2:45 PM - 3:00 PM ● Taschereau-Dumouchel et al. - Modulating the subjective experience of pain using decoded fMRI neurofeedback 3:00 PM - 3:15 PM ● Gligorov, N. - Eliminativism Redux--The Case of Pain 3:15 PM - 3:30 PM

Saturday, June 24, 2023 *continued*

<p>2:00 PM - 3:30 PM</p>	<p>Concurrent Session: Methods & Measures (Classroom 220)</p> <ul style="list-style-type: none"> ● Broeker, M. & Azzopardi, P. - Signal detection measures can (!) distinguish perceptual biases from response biases 2:00 PM - 2:15 PM ● Stazicker, J. - Performance Confounds and Nagel's Notion of the Subjective 2:15 PM - 2:30 PM ● Klein, A. - The Measurement Problem: Its History and Solution 2:30 PM - 2:45 PM ● Schmidt, T. & Biafora, M. - A Theory of Visibility Measures in the Dissociation Paradigm 2:45 PM - 3:00 PM ● Schreiber, M. et al. - Is There Evidence for Unconscious Semantic Processing? a Systematic Review and Meta Analysis 3:00 PM - 3:15 PM ● Sanchez-Fuenzalida, N. et al. - A behavioural marker to dissociate subjective experience from perceptual decisions in a detection experiment 3:15 PM - 3:30 PM
<p>2:00 PM - 3:30 PM</p>	<p>Concurrent Session: Time perception (Classroom 218)</p> <ul style="list-style-type: none"> ● Pavailler, N. & Burle, B. - Metacognitive judgments: direct readout or causal inference? The case of introspective reaction times. 2:00 PM - 2:15 PM ● Tsakiris, M. et al. - The heart as a subjective pacemaker: how experienced time expands and contracts within each heartbeat 2:15 PM - 2:30 PM ● Lee, Y. & Hsieh, P. - No evidence for unconscious rhythmic information processing under monocular entrainment 2:30 PM - 2:45 PM ● Sadibolova, R. et al. - Tonic and phasic dopamine fluctuations in striatum differentially relate to variations in human time perception 2:45 PM - 3:00 PM ● Sadeghi, S. et al. - A predictive coding theory of subjective time 3:00 PM - 3:15 PM ● Maranhao, I. et al. - Investigating the relationship between intrinsic neural activity and temporal resolution 3:15 PM - 3:30 PM
<p>3:30 PM - 4:30 PM</p>	<p>Poster Session 2 + Coffee (Greenberg Lounge)</p> <p><i>See previous page for list of posters</i></p>
<p>4:30 PM - 6:30 PM</p>	<p>Symposium: The Richness Debate (Tishman Auditorium)</p> <ul style="list-style-type: none"> ● Michael Cohen - Pinpointing the sparseness of perceptual awareness 4:30pm-4:45pm ● Ned Block - The case for phenomenal richness 4:45pm-5:00pm ● Liad Mudrik - How rich is perceptual experience? 5:00pm-5:15pm ● Michael Pitts - Attention, awareness, and the richness debate 5:15pm-5:30pm
<p>7:30 PM - 10:30 PM</p>	<p>Conference Dinner (Pioneer Works)</p>

Sunday, June 25, 2023

8:30 AM - 6:30 PM	Registration (Sudler Lobby)
8:30 AM - 9:00 AM	Coffee (Greenberg Lounge)
9:00 AM - 10:00 AM	Keynote: Yoshua Bengio—Sources of Richness and Ineffability for Phenomenally Conscious States (Tishman Auditorium; virtual presentation via Zoom)
10:00 AM - 10:30 AM	Coffee (Greenberg Lounge)
10:30 AM - 12:30 PM	<p>Concurrent Session: Theories & Models (Classroom 218)</p> <ul style="list-style-type: none"> • Brown, R. & Renero, A. - A HOROR Theory for Introspective Consciousness 10:30 AM - 10:45 AM • Silins, N. - The Conscious Theory of Higher-Orderness 10:45 AM - 11:00 AM • Newen, A. & Montemayor, C. - The ALARM theory of consciousness: an evolutionary perspective 11:00 AM - 11:15 AM • Wiese, W. - Can minimal models help understanding consciousness? 11:15 AM - 11:30 AM • Jennings, C. D. - Consciousness as Relation 11:30 AM - 11:45 AM • Schlicht, T. - Can Predictive Processing teach us anything about Consciousness? 11:45 AM - 12:00 PM • Hassel Mørch, H. - An alternative defense of IIT's Exclusion postulate 12:00 PM - 12:15 PM • Schurger, A. - You can't go wrong with Integrated Information Theory 12:15 PM - 12:30 PM
10:30 AM - 12:30 PM	<p>Concurrent Session: Animal and Infant Consciousness (Classroom 220)</p> <ul style="list-style-type: none"> • Zakharova, D.- Simulation-Based Explanation of Intelligent Behaviour in Portia spiders: A Marker of Consciousness? 10:30 AM - 10:45 AM • Zacks, O. - Ancient origins of the global workspace—are all vertebrates conscious? 10:45 AM - 11:00 AM • Malassis, R. et al. - Implicit/explicit learning across primate species: a process dissociation study 11:00 AM - 11:15 AM • Brown, S. - Animal Points of View in Spatiotemporal Structures of Experience 11:15 AM - 11:30 AM • Pecere, P. - Plant "consciousness" after Darwin: a proposal 11:30 AM - 11:45 AM • Alcantara, M. - Narrative Selfhood and Animals: Identifying Desiderata of a Theory of the Self 11:45 AM - 12:00 PM • Hu, H. et al. - Typical and disrupted brain network complexity in human neonates 12:00 PM - 12:15 PM • Rossi, A. et al. - The development of consciousness-state complexity of brain responses: Perturbation Complexity Index in newborns and young infants 12:15 PM - 12:30 PM
10:30 AM - 12:30 PM	<p>Concurrent Session: Body and Embodiment (Classroom 206)</p> <ul style="list-style-type: none"> • S. Besharati et al. - The social and affective modulation of bodily self awareness 10:30 AM - 10:45 AM • Candia-Rivera, D. et al. - Conscious processing of global and local auditory irregularities causes differentiated heartbeat-evoked responses 10:45 AM - 11:00 AM • Kadambi, A. et al. - Neural mechanisms for self-recognition from whole-body movements 11:00 AM - 11:15 AM • Seguin, P. et al. - Does global paralysis come with attentional impairment? 11:15 AM - 11:30 AM • Corcoran, A. et al. - Interrogating brain-body-behaviour interactions during fluctuations of attention and arousal 11:30 AM - 11:45 AM • Lanfranco, R. et al. - Body ownership signals are prioritised for conscious access 11:45 AM - 12:00 PM • Liang, C. et al. - The distinction between first-person perspective and third person perspective in bodily self-consciousness 12:00 PM - 12:15 PM

Sunday, June 25, 2023 *continued*

<p>10:30 AM - 12:30 PM</p>	<p>Concurrent Session: Neural Correlates of Consciousness (Classroom 210)</p> <ul style="list-style-type: none"> • Turker, B. et al. - Complex brain states with high connectivity enhance conscious perception of threshold stimuli 10:30 AM - 10:45 AM • Parfenov, E. & Duncan, N. - Insula cortex structural connectivity gradients guide functional responses to an interoceptive task 10:45 AM - 11:00 AM • Pereira, M. et al. - Intermittent beta bursts in the subthalamic nucleus are modulated by stimulus detection and associated confidence 11:00 AM - 11:15 AM • Yadav, T. et al. - Early and late changes in intracranial EEG activity in tactile conscious perception 11:15 AM - 11:30 AM • Aerts, S. et al. - Covert detection and investigation of brain networks in auditory conscious perception 11:30 AM - 11:45 AM • Milinković, B. et al. – Discovering Emergence in Complex Neural Systems 11:45 AM - 12:00 PM • Hopkins, A.R. et al. - Effects of low-intensity focused ultrasound (LIFU) stimulation to the central thalamus and the globus pallidus on consciousness 12:00 PM - 12:15 PM • Szczotka, J. - Beyond the cerebral cortex - the striatum's unique contributions to consciousness 12:15 PM - 12:30 PM
<p>10:30 AM - 12:30 PM</p>	<p>Concurrent Session: Visual Metacognition (Classroom 214)</p> <ul style="list-style-type: none"> • Mihali, A. et al. - Introspective inference counteracts perceptual distortion 10:30 AM - 10:45 AM • Stern, Y. et al. - 'Eye am sure but I don't know it': gaze reflects implicit sensorimotor confidence in explicit beliefs 10:45 AM - 11:00 AM • Myers, C. et al. - Knowing what I don't know: Visual guessing 11:00 AM - 11:15 AM • Van Marcke, H. et al. - The metacognitive hierarchy: bi-directional interactions between local and global confidence 11:15 AM - 11:30 AM • Peters, M.A.K. & Rong, Y. - Computational rationality approaches to arbitrating models of cognition: a case study using perceptual metacognition 11:30 AM - 11:45 AM • Rutiku, R. et al. - A large-scale investigation of structural brain correlates of metacognition 11:45 AM - 12:00 PM • Lachowski, W. - Why are confidence ratings of visibility non-binary? Understanding the mysterious graded transition between unconscious and conscious perception 12:00 PM - 12:15 PM • Recht, S. & Yeung, N. - Signatures of efficient coding in perceptual metacognition 12:15 PM - 12:30 PM
<p>10:30 AM - 12:30 PM</p>	<p>Concurrent Session: Unconscious Processes (Classroom 204)</p> <ul style="list-style-type: none"> • Shao-Min, S. et al. - Semantics induces invisibility in an audiovisual illusion 10:30 AM - 10:45 AM • Vetter, P. et al. - Fearful faces guide the eyes before reaching visual awareness 10:45 AM - 11:00 AM • Ciorli, T. et al. - Dissociation between conscious and unconscious self-face processing in Developmental Prosopagnosia: evidence from Binocular Rivalry and breaking-Continuous Flash Suppression 11:00 AM - 11:15 AM • Amerio, P. et al. - Featural blindsight in a 2-Interval Forced-Choice task 11:15 AM - 11:30 AM, • Preston Lennon – Phenomenal Thought and the Unconscious Thought Paradigm in Psychology 11:30 AM - 11:45 AM • Shanks, D.R. & Lee, D.Y.H - Conscious and Unconscious Memory and Eye Movements in Context-Guided Visual Search 11:45 AM - 12:00 PM • Trübutschek, D. et al. - Can we learn information non-consciously? - Exploring the relationship between non-conscious working memory and statistical sequence learning 12:00 PM - 12:15 PM • Tal, A. et al. - Knowledge organization under the hood: the benefits of unconscious memory reactivation 12:15 PM - 12:30 PM
<p>12:30 PM - 1:15 PM</p>	<p>Lunch <i>Break for lunch. Not catered - list of local options provided.</i></p>

Sunday, June 25, 2023 *continued*

1:15 PM -
2:00 PM

Poster Session 3 + Coffee (Greenberg Lounge)

- Adrien Kérébel et al. - Experimental investigation of the dynamics of spontaneous thoughts
- Alan Voodla et al. - A computational approach to affect generation in perceptual decisions
- Alessia Ruyant-Belabbas et al. - Can patients with Disorders of Consciousness encode and recover new memories? A high-density EEG feasibility study
- Alicia Franco-Martínez et al. - Replicating the unconscious working memory effect: A multisite preregistered study.
- Angela Shen et al. - Characterizing the metaperceptual function across visual field location and signal quality
- Anna Eiserbeck et al. - When the philosophical zombie smiles at you—Believing a face to be computer-generated affects perception and emotional processing
- Anne Felsenheimer et al. - Reaching for ourselves: Decoupling movement and touch to explore the adaptability of self-touch
- Benjamin Rohaut et al. – Multimodal assessment of prognostic markers in clinically unresponsive ICU patients outperforms unimodal predictions
- Benjy Barnett and Stephen M. Fleming - Neural Representations of Sensory and Numerical Absence
- Brandon Chen and Biyu J. He - Dissociating the effects of attention and expectation on threshold-level object perception
- Chris Rourk - The Catecholaminergic Neuron Electron Transport (CNET) Action Selection Mechanism Hypothesis
- Dan Burnston - Representing Relations Perceptually
- David Aguilar-Lleyda et al. - Opposite effects of observational learning on performance and confidence
- David Carmel et al. - Is predictive processing involved in priming of visual awareness across the visual field?
- David S. Jin et al. - State-based and event-based mechanisms of awareness of action
- Dezhi Luo - Hedonic reversal of interpersonal fear and humiliation as support for the higher-order theory of emotional consciousness
- Dmitri Filimonov - The Influence of Feature-Based Attention and Response
- Requirements on ERP Correlates of Auditory Awareness
- Dylan Ludwig - Functions of Consciousness in Emotional Processing
- Emilie Caspar et al. - On the neural basis of the sense of agency in a civilian and a military population
- Estefania Vargas Gonzalez and Isabelle Arnulf - Sighs during sleep: an early sign of brainstem neurodegeneration?
- François Stockart et al. - How does the brain represent the presence vs the absence of a stimulus?
- Hardik Rajpal et al. - Are brain oscillations emergent?
- Jasmine Walter et al. - Dreaming and mind wandering in disorders of consciousness
- Jiayang Liu Sieu et al. - Increased neural activity in the lateral septum is associated with cortical slow waves and impaired consciousness in an awake mouse model of temporal lobe seizures
- Joanna Mash et al. - Strange face illusions – a novel model with preliminary supporting empirical evidence. Joaquim Streicher et al. - Scanning the Neural Correlates of Consciousness: When Can Scientists Claim an Indirect Task Advantage? The Case of fMRI Studies
- Johannes Kasper et al. - Uncertainty-oriented active sampling for motor learning results in unconscious confirmatory motor behavior Joshua Cain et al. - Inducing Deep Meditation with Focused Ultrasound
- Julia E. Rathmann-Bloch et al. - The experience of memory: How eye movements inform the relationship between memory accuracy and retrieval confidence
- Junchao Hu et al. - Guidance of eye movements by animate versus inanimate object images in the absence of visual awareness
- Ken Takeda et al. - Assessing the structural consistency of mental representations of natural objects with unsupervised alignment
- Kevin Ortego and Viola Stoermer - EEG correlates of rapid filling-in and perceptual awareness in a contour erasure paradigm
- Kira Dolhan et al. - Assessing the Diagnostic and Prognostic Value of Three-Node Network Motifs in Coma Using General Anesthesia
- Kristjan Loorits - Explanatory Relevance of Nonstructural Qualia

Sunday, June 25, 2023 *continued*

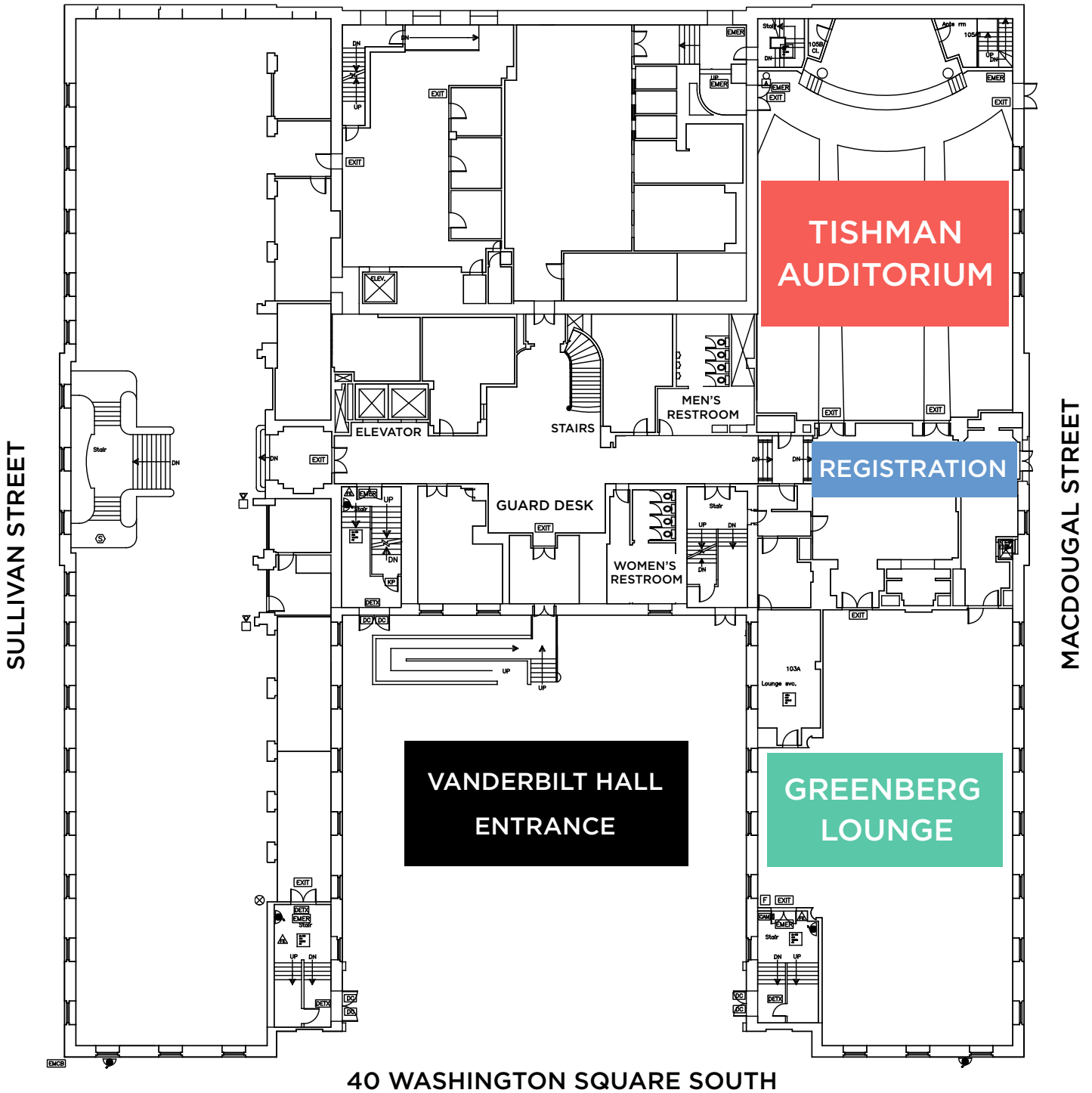
1:15 PM -
2:00 PM

Poster Session 3 + Coffee (Greenberg Lounge) — *continued*

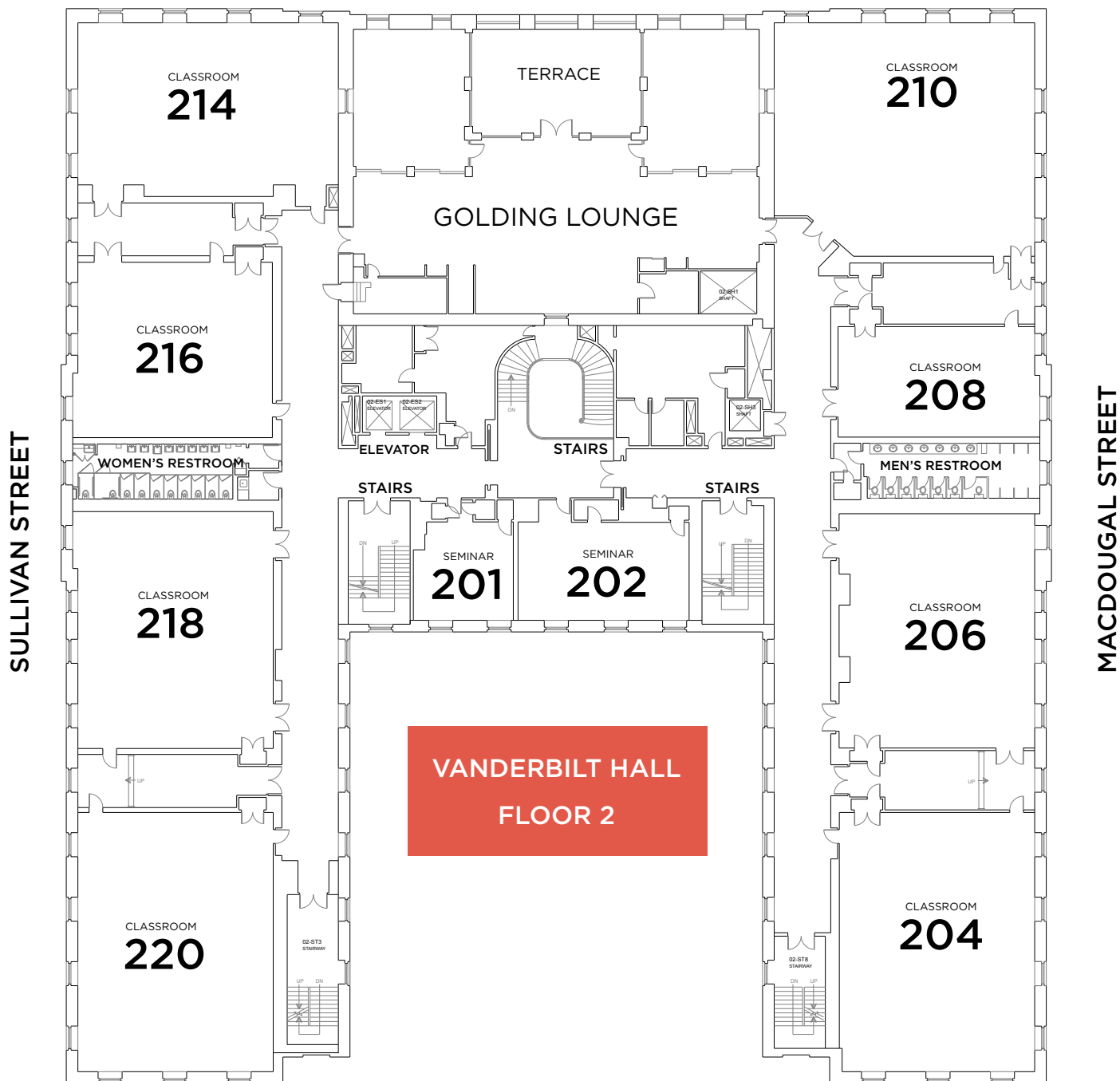
- Lara C. Krisst et al. - Dissociative Theories of Consciousness: EEG Decoding During a Sperling Task Variant
- Léa Monoucy et al. - Valence colors all our perceptions, but do perceptions have to be conscious for that to happen?
- Letian Lei et al. - Threat Extinction Outside of Visual Awareness
- Lucie Berkovitch et al. - Ketamine effects on consciousness in healthy controls, an electroencephalography study
- Madalina Sas Pedro et al. - Consciousness, Metacognition and Emergence in a collective game
- Manuel Schabus et al. - Searching for predictive coding during sleep: First results of a full-night MEG/EEG study using auditory stimuli
- Marlo Paßler - The exclusionary approach to consciousness
- Mattia Galigani et al. - A combined binocular rivalry-fast periodic visual stimulation protocol reveals a preferential processing in visual awareness for male faces
- Maximilian Kathofer et al. - The altered mind: is increased synergistic information processing driving ketamine's anti-anhedonic properties?
- Michael Angyus et al. - A Spike in Entropy Precedes the Mismatch Negativity ERP, Providing A Direct Link Between Computational Prediction Error and Neural Activity Associated with Prediction Error
- Mona-Marie Wandrey – Managing uncertainty in disorders of consciousness
- Paola Magioncalda and Matteo Martino - A working model of the relationship between phenomenal experience and brain functioning in psychosis
- Patxi Elosegi et al. - Think twice: Re-assessing confidence improves metacognitive sensitivity
- Paul W. Savoca et al. - The Role of Interoceptive Efficiency in the Experience of Arousal and Mental Health
- Pedro A.M. Mediano et al. - The DebiaSyn Toolbox: Pushing the Boundaries of Information-Theoretic Estimators for Neuroimaging Data
- Peter Lush et al. - Why do people have the ability to change subjective experience so as to misrepresent reality?
- Pierre Le Denmat et al. – How do we learn to be accurately confident ?
- Rachel Metzgar and Michael Graziano - A link between social cognition and visual consciousness
- Raoul Lisa et al. - Multiple experiences of the self during adolescence: a psychometric network analysis
- Ryoichi Watanabe et al. - Young children's discrimination and metacognition performance with congruence effect at a brief glance of a natural scene photograph.
- Sebastian Dohnany et al. - Do Biological Cells Perceive? Applying Perceptual Information Processing Metrics to Single Cells
- Sergio Ponce de Leon et al. - Detecting sensory-evoked changes in conscious contents using the perturbational complexity index
- Stephanie Alcock et al. - Reconceptualising creativity: the paradoxical interplay between conscious control and unconscious processing
- T. Anderson Keller and Max Welling - Modeling Visual Illusions with Autoregressive Recurrent Neural Networks
- Tomáš Dominik et al. - The neuroscience of volition: a newcomer's guide
- Uri Korisky et al. - Predictions about stimulus depth only partially explain why real objects are prioritized over their photographs in access to awareness
- Vincent S Astl Delgado et al. - Does the neurobiology of language mediate LSD-induced changes in higher-order consciousness?
- Wiktoria Jakubowska et al. - Disentangling EEG correlates of consciousness and attention. The effects of cueing on detection, identification and ERPs.
- Xueqian Deng - Can thoughts be read from the brain? A defense for Wittgenstein
- Yarden Shir et al. - Reexamining the functional significance of the readiness potential: Does it index decision-making or anticipation?
- Yasuhiro Oisi et al. - A top-down cortical circuit triggers somatosensory perception
- Zheng Zhang et al. - Determining the Neuroanatomical Basis of Unconsciousness in Patients with Acute Ischemic Stroke

Sunday, June 25, 2023 *continued*

2:00 PM - 4:00 PM	Symposium: Animal Consciousness Beyond Mammals (Tishman Auditorium) <ul style="list-style-type: none">• Jonathan Birch - Insects as a model system for the study of consciousness 2:05pm-2:20pm• Andrew Crump - Conscious and Unconscious Vision in Bumblebees? 2:20pm-2:35pm• Matilda Gibbons - Can Insects Feel Pain? 2:35pm-2:50pm• Peter Godfrey-Smith - Finding consciousness in phylogenetically distant organisms 3:10pm-3:25pm• L. Syd M Johnson - Inductive Risk and Equipose in Potentially Harmful Consciousness Research 3:25pm-3:40pm
4:00 PM - 5:00 PM	Poster Session 3 + Coffee (Greenberg Lounge) <i>See previous page for list of posters</i>
5:00 PM - 5:35 PM	William James Prize Lecture: Elisabeth Parés Pujolràs - The neural bases of motor awareness (Tishman Auditorium)
5:35 PM - 6:00 PM	Closing Remarks (Tishman Auditorium)
8:00 PM -	After Party (Amity Hall Downtown)



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