

PROGRAMME

22th Anuual Meeting of the Assocciation for the Scientific Study of Consciousness

Kraków | 26th-29th of June | 2018

WELCOME

Dear Participants,

Welcome to the 22nd Annual Conference of the Association for the Scientific Study of Consciousness!

We are pleased to host you in Krakow, a historical capital of Poland, located in the southwest of the country, between the Jura uplands and the Tatra Mountains, on the banks of the Vistula River. The city was designated as one of the nine European Cities of Culture in 2000 - we hope you will find it justified! It has one of the largest and best-preserved medieval main squares in Europe and its Old Town - the historical central districts - is inscribed on the UNESCO List of World Heritage Sites. In its proximity you can find another major tourist attraction - Kazimierz district which was a place of coexistence and interpenetration of ethnic Polish and Jewish cultures for centuries.

This city was also the cradle of the first Polish Academy - the Jagiellonian University in Krakow was founded in 1364 and it is one of the oldest universities in continuous operation. At present University provides higher education to over 43 000 students. Psychology studies were started in 1903 and the Consciousness Lab (c-lab) was founded at the Institute of Psychology in 2009. We run psychological, electrophysiological and neuro-imaging studies on diverse subjects related to consciousness, cooperating with several scientific centers in Poland and abroad.

The goal of annual meeting of ASSC is to promote research on consciousness and to enable vibrant discussion on the subject. For this year's edition we have prepared a rich program that consists of 10 tutorials, 5 symposiums, 188 poster presentations, 92 talks and 6 keynotes lectures given by Patrick Haggard, Joseph LeDoux, Melanie Boly, Mazviita Chirimuuta, Axel Cleeremans and Hugo Critchley, You will be also able to profit from informal meetings during evening social events, like Welcome Reception, Students' Social Event (and Career Panel for younger researchers before the party), Dinner in Wieliczka Salt Mine (connected with a guided tour) and Closing Party (with projection of "The Most Unknown" feature documentary).

We would like to express our gratitude to our generous sponsors, all the members of the Local Organising Committee for their hard work for the last few months and all the volunteers for their presence and willingness to help. Thank you very much for your support and commitment to this event!

Local Committee

Michał Wierzchoń (chair) Marek Binder Marcin Miłkowski Marta Siedlecka

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ABOUT ASSC



The ASSC is an academic society that promotes rigorous research directed toward understanding the nature, function, and underlying mechanisms of consciousness. The ASSC includes members working in the fields of cognitive science, medicine, neuroscience, philosophy, psychology, and other relevant disciplines in the sciences and humanities.

ASSC was founded in 1994, the first executive board was formed in 1996 and the first conference was placed in Claremont (USA) in 1997. Since then our annual meetings are rotated between Europe, Asia and Americas.

Past ASSC Meetings

ASSC	21	-	Beij	ing,	Ch	ina

ASSC 20 - Buenos Aires, Argentina

ASSC 19 - Paris, France

ASSC 18 - Brisbane, Australia

ASSC 17 - San Diego, USA

ASSC 16 - Brighton, UK

ASSC 15 - Kyoto, Japan

ASSC 14 - Toronto, Canada

ASSC 13 - Berlin, Germany

ASSC 12 - Taipei, Taiwan

ASSC 11 - Las Vegas, USA

ASSC 10 - Oxford, UK

ASSC 9 - Pasadena, USA

ASSC 8 - Antwerp, Belgium

ASSC 7 - Memphis, USA

ASSC 6 - Barcelona, Spain

ASSC 5 - Durham, USA

ASSC 4 - Brussels, Belgium

ASSC 3 - London, UK

ASSC 2 - Bremen, Germany

ASSC 1 - Claremont, USA

GENERAL INFORMATION

Conference Venue

The conference will be held at Jagiellonian University, in Auditorium Maximum. The building is located in the city center, 10 minutes from the Main Market Square, on 33 Krupnicza Street.

Poster Sessions

will be held in the neighbouring building (Faculty of Law and Administration), on the 33a Krupnicza Street.

Tutorials

will take place in the Institute of Psychology (6 Ingardena street), five-minute walk from the main conference venue.

SOCIAL EVENTS

Welcome Reception | 26/06

Welcome Reception will take place on the courtyard of *Collegium Maius* (15, Jagiellońska Street) at 7:00 pm

Students' Social Event | 27/06

The event will take place at Barka (16, Podgórska street, by the Vistula river). It starts at 8.30 pm, just after the Career Panel. Snacks and vouchers for drinks (for student members) are provided by ASSC.

The Conference Dinner | 28/06

Will be held in Wieliczka Salt Mine. There will be free bus transport for all participants to Wieliczka and back to Krakow (20-30 min. of travel, bus stop at the conference venue). Departure around 7:00 pm (just after the concurrent sessions end). Registration is required.

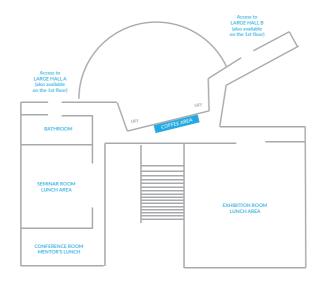
Poor Man's Dinner | 28/06

Alternative option to the Gala Dinner, it will take place at Dolnych Młynów 10 (also known as *Tytano*) 7:30 pm. This is a casually organised event; meeting point will be set in the area of *Weźże Krafta* and *Hala Główna* bars, attendees are encouraged to find their own favourite place to eat. No registration required.

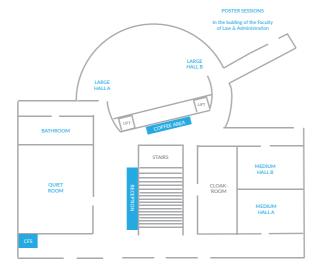
Closing Party | 29/06

Closing Party will be held at *Serce* club (41, Krakowska street). The party starts at 10:00 pm. Before the party there will be a projection of the movie "The most unknown", starring Anil Seth and Axel Cleeremans. The film stars at 8:00 pm and lasts 1,5h. The party is open to public, however ASSC participants have priority (you need the bracelet included in the conference materials).

Conference Venue Plan



2ND FLOOR



GROUND FLOOR

MAIN ENTRANCE

33 KRUPNICZA STREET

Institute of Psychology, 6 Ingardena Street

AGENDA

Tuesday 26/06/18

9:00-18:00

Registration

		00

Tutorials

Computational models of perception, metacognition, and consciousness: a hands-on tutorial	Brian Odegaard, Megan Peters
Integrated Information Theory of Consciousness: Introduction, Tutorial, and Extrapolations	L. Albantakis M. Boly A. Hawn W. Marshall
The empirical study of altered states of consciousness: Common standards in the psychometric assessment of subjective experiences	T.T. Schmidt
Time and Consciousness	P. Droege
Using Bayes factors to provide evidence for no effect	Z. Dienes

13:00-16:00 Tutorials

Changing The Brain Unconsciously Using Real-Time Neurofeedback	V. Taschereau- -Dumouchel J. Ekanayake S. Kimmich
History and philosophy of science perspectives on consciousness	M. Michel M. Chirimuuta H. Lau L. Irvine
Integrated information – a practical approach	N. Tsuchiya M. Oizumi
Investigating cortical and subcortical mecha- nisms of conscious perception	S. Kronemer H. Blumenfeld M. Boly L. Melloni M. Wilke
Single-case evaluation of consciousness: same patient, different modalities	J. Annen C. Chatelle S. Chennu A. Demertzi O. Gosseries J.D. Sitt A. Thibaut

4 (00 47 00	
16:30-17:00	Opening remarks

17:00-18:00	Keynote Lecture	Patrick Haggard
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Voluntary action and conscious experience

18:00-19:00	Keynote Lecture	Joseph LeDoux

Putting Emotion into Consciousness

19:00-22:00 Welcome reception

The reception will be held at *Collegium Maius*, (15, Jagiellońska Street)

AGENDA

Wednesday 27/06/18

9:00-10:00

Keynote Lecture | Melanie Boly

Are the neural correlates of consciousness mostly in the front or in the back of the cerebral cortex?

10:00-10:30

Coffee Break

10:30-12:30 Plenary Symposium

S. Schneider | H. Lau | R. Kanai | L. Miracchi

Consciousness and artificial intelligence

Lunch

12:00-14:30 Poster Session 1

The poster session will be held at the Jagiellonian University Law & Administration Department

14:30-16:10 Concurrent Sessions 1

Integrated Information Theory		Large Lecture Hall A	
Models and theories of consciousness		Large Lecture Hall B	
Unconscious perception		Medium Hall A	
Time and tempora	ll processing	Medium Hall B	
16:10-16:30	Coffee Break		
16:30-17:30	Keynote Lecture Maz	viita Chirimuuta	
The Irreducibility of Colour			
17:30-19:30	Concurrent Sessions 2		
17:30-19:30 Disorders of conso		Large Lecture Hall A	
		Large Lecture Hall A Large Lecture Hall B	
Disorders of conso	ciousness	······	
Disorders of conso	ciousness	Large Lecture Hall B	
Disorders of conso	ciousness	Large Lecture Hall B Medium Hall A	

The events will be held at the Barka Club by the Vistula river / Podgórska 16

AGENDA

Thursday 28/06/18

9:00-10:00

Keynote Lecture | Axel Cleeremans

Being Virtual

10:00-10:30

Coffee Break

10:30-12:30

Plenary Symposium 2

A. Clark | R. Salomon | P. Fletcher | P. Corlett

Psychiatry as a Window to Consciousness

12:30-14:30

Lunch

12:00-14:30 Poster Session 2

The poster session will be held at the Jagiellonian University Law & Administration Department

14:30-16:30 Plenary Symposium 3

V. Lamme | A. Barret | E. Schechter | Y. Pinto

Conscious unity - how does a healthy brain create one conscious subject?

16:30-17:00

Coffee Break

17:00-19:00

Concurrent Sessions 3

Sleep and dreams

Large Lecture Hall A

Bodily awareness

Large Lecture Hall B

Top-down influence on conscious processing

Medium Hall A

Agency and self

Medium Hall B

Wieliczka Salt Mine

19:30-21:00

Guided Tour

21:00-23:00

Gala Dinner

AGENDA

Friday 29/06/18

9:00-10:00

Keynote Lecture | Hugo Critchley

Interoception, insight and emotion: Neural mechanisms

10:00-10:30

Coffee Break

10:30-12:30

Plenary Symposium 4

S. Bode | A. Bompas | L. Charles | J. Zhang

Understanding the neurocognitive underpinnings of voluntary act

12:30-13:30

Lunch & Mentor's Lunch

Mentor's Lunch will be held in Conference Room, 2nd Floor

	13:30-15:30	Concurrent Sessions 4	
Altered states of consciousness		Large Lecture Hall A	
Self-related processing		ssing	Large Lecture Hall B
Confidence, metacognition		cognition	Medium Hall A
Perceptual consciousness		ousness	Medium Hall B
	15:30-16:00	Coffee Break	

16:00-18:00 Plenary Symposium 5

F. Vollenweider | O. Carter | A. Gopnik | R. Carhart-Harris

What Can the Science of Consciousness Learn from the Study of Psychedelics?

18:00-19:00 Closing Address

The poster session will be held at the Jagiellonian University Law & Administration Department

20:00-19:00

Closing party

The party will be held in the Kazimierz District Serce Club / Krakowska 41 / 33-332 Kraków 27/06 10:30-12:30 Consciousness and Artificial Intelligence

Chair: Lisa Miracchi

Susan Schneider | Artificial General Intelligence and Conscious AI: Transcending the Brain
Hakwan Lau | Generative Adversarial Networks and the
Inner Sense Theory of Consciousness
Ryota Kanai | Creating a Machine with Consciousness
Lisa Miracchi | The Easy Problem's Not So Easy: AI Research

Helps Us Rethink the Functional Role of Consciousness

28/06 10:30-12:30 Psychiatry as a Window to Consciousness

Chair: Roy Salomon

Andy Clark | Computational Psychiatry and the Origins of Conscious Experience

Roy Salomon | Psychosis and the Disruption of the Self Paul C. Fletcher | Noise, uncertainty and the mechanisms of psychosis

Philip R. Corlett | Hallucinations as top-down effects on perception

28/06 14:30-16:30 Conscious unity - how does a healthy brain create one conscious subject?

Chair: Yair Pinto

Victor Lamme | Challenging the assumption of conscious unity

Adam Barrett | Integrated Information Theory, Complexity, Conscious Unity and Disconnection

Elizabeth Schechter | Consciousness and Agency in the Split-brain Case

Yair Pinto | Unified consciousness in split-brain patients

29/06 10:30-12:30 Understanding the neurocognitive underpinnings of voluntary act

Chair: Jiaxiang Zhang

Stefan Bode | The role of voluntary decisions in shaping future preferences

Aline Bompas | On the (un)predictability of free choice: modelling and MEG

Lucie Charles | Detaching from external influence: a computational model for free choices

Jiaxiang Zhang | Choosing without rules: evidence from modelling and brain imaging

29/06 16:00-18:00 What Can the Science of Consciousness Learn from the Study of Psychedelics? Chair: Tim Bayne, Monash University

Franz Vollenweider | Psychedelics and Naturally Occurring Psychosis

Olivia Carter | Psychedelics and the Psychophysics

of Consciousness

Alison Gopnik | Psychedelics and the Development of

Consciousness

Robin Carhart-Harris | Psychedelics and the Neuroscience of Consciousness

Large Lecture Hall B

	INTEGRATED INFORMATION THEORY	MODELS AND THEORIES OF CONSCIOUSNESS
14:30	The Integrated Information Theory of Consciousness & Hylomorphism: Exploring Common Ground	Inference rules for identifying the content NCCs based on Pearl's causal analysis framework
	Matthew Owen	Borysław Paulewicz
14:50	Characterizing 'free' actions within the causal framework of IIT	Why we are looking in the wrong direction in the search for the neural correlates of consciousness
	Larissa Albantakis	Jolien C. Francken
15:10	Integration and differentiation of neural information dissociates between contents of consciousness	Can global workspace theory accommodate infant consciousness?
	Andrés Canales-Johnson	Claudia Passos-Ferreira
15:30	Diverse theory-based electrophysiological metrics corroborate the presence of consciousness	The Unfolding Argument: Why Recurrent Processing Cannot Explain Consciousness
	Federico Raimondo	Adrien Doerig
15:50	Towards searching the locus of consciousness: an efficient method for searching informational cores	What does a snapshot of perceptual experience look like?
	Jun Kitazono	Michael Cohen

Medium Hall A

Medium Hall B

UNCONSCIOUS PERCEPTION	TIME AND TEMPORAL PROCESSING	
Dis-continuous flash suppression: A novel interocular suppression reveals temporal integration of subliminal lin- guistic information	Trajectory change blindness: What might it tell us about the temporal character of visual experience?	14:30
Shao-Min (Sean) Hung	Ron Chrisley	
The invisible ventriloquist: audio-visual integration in the absence of perceptual awareness	Quasi-Continuous Unconscious Processing precedes Discrete Conscious Perception	14:50
Patrycja Delong	Michael H. Herzog	
What can steady-state visual evoked potentials (SSVEP) tell us about the neural correlates of subliminal images?	Time's Flows, Swirls, Tides, and Cur- rents: The Challenge of Temporal Phenomenology	15:10
Adélaïde De Heering	Sascha Benjamin Fink	
Keeping it real: Studying unconscious processing of real objects using augmented reality goggles	The experience of anticipation is associated with widespread predictive activation of sensory cortical areas	15:30
Uri Korisky	Dan Lloyd	
No, it can't: on the limits of unconscious integration	Time without clocks: Changes in content of experience drive time perception	15:50
Liad Mudrik	Warrick Roseboom	

Large Lecture Hall B

	DISORDERS OF CONSCIOUSNESS	BODILY AWARENESS
17:30	Are changes in time-varying network dynamics truly the result of consciousness or rather due to a general recovery of cognition and non-cognitive processes? Julia Sophia Crone	Bodily self-consciousness in macaque monkeys and humans Liping Wang
17:50	Neurophysiological fluctuations in patients with disorders of consciousness impact conscious processing Pauline Perez	The Sense of Body Ownership and the Body Guard Hypothesis Yen-Tung Lee
18:10	Consciousness is indexed by a marker of auditory object perception	Comparing Self-Generated Touch and Self-Generated Movement as Methods to Induce a Full Body Illusion
	Renate Rutiku	Lieke M. J. Swinkels
18:30	Body Rhythms in Concert? Integrity of Circadian Rhythms is Related to the State of Brain-Injured Patients	Altered bodily self-consciousness and peripersonal space in Autism
	Christine Blume	Cari-lène Mul
18:50	Predicting neurological outcome for comatose cardiac arrest patients using early EEG reactivity data Simon H. Del Pin	Explaining greater susceptibility to the Rubber Hand Illusion in vicarious pain perceivers through Bayesian sensory inference
40.40		Vanessa Botan
19:10	Cardio-audio synchronization induces neural surprise response in comatose patients	The Real Hand Illusion: Limb Disownership and the Right-Parietal Body-Network
	Marzia De Lucia	Oliver A. Kannape

Medium Hall A Medium Hall B

UNCONSCIOUS PROCESSING	PERCEPTUAL CONTENT	
Explicit and implicit learning of multiple concurrent higher-order sequences in human V1	Isolating neural signatures of conscious speech perception with a "no-report" sine-wave speech paradigm	17:30
David Soto	Michael Pitts	
Reevaluating the role of consciousness in high-level processing Maayan Avneon	Using decoded fMRI neurofeedback to identify multivariate patterns for illusory color perception J.D. Knotts	17:50
	J.D. Kilotts	
Unconsciously Reading and Answering Simple Questions	The temporal sequence of physiological changes for visual conscious perception	18:10
Alon Goldstein	Sharif Kronemer	
Does unconscious working memory really exist?	Topology of visual cortical connections shapes structure of visual space	18:30
	Chen Song	
Timo Stein		
Prevailing theories of consciousness are challenged by novel cross-modal associa- tions acquired between subliminal stimuli	Sensory information and attentional selection differentiated by first and second neural harmonics during perceptual filling-in	18:50
Ryan Scott	Naotsuogu Tsuchiya	
The effect of interoceptive feedback and interoceptive accuracy on unconscious instrumental conditioning	Somatosensory Perception Varies across the Cardiac Cycle	19:10
Lina Skora	Esra Al	

Large Lecture Hall B

	SLEEP AND DREAMS	PHILOSOPHY AND CONSCIOUSNESS
17:00	Oscillatory Responses to Own Name Persist During Sleep	The Meta-Problem of Consciousness
	Małgorzata Wisłowska	David Chalmers
17:20	The Brain Is Standing Sentinel while We Sleep: Continued Evaluation of Emotional Stimuli in the Absence of Consciousness	Towards a Neuroscience-First, Naturalistic Metaphysics of Consciousness
	Manuel Schabus	Cecily Whiteley
17:40	White dreams are made of colours: What studying contentless dreams can teach about the neural basis of dreaming and conscious experiences	Making Room for Modest Conceptual Functionalism
	Peter Fazekas	Kernion Jackson
18:00	Recent research on consciousness and reflective consciousness using sleep paradigms	Psychic events are primarily thought to represent true psychic events. The worrisome absence of conjuring explanations
	Benjamin Baird	Lise Lesaffre
18:20	Bistability and complexity within the sleeping brain: simultaneous intracranial EEG and high-density scalp EEG recording	The "Combination Problem", physicalism, integration theories of consciousness and virtual selves
	Andrea Pigorini	Robert Van Gulick
18:40	The Scaling Exponent of the Power Spectrum of the Resting-EEG Indexes the Level of Consciousness during Anesthesia and Sleep	Minimal Phenomenal Experience – A new theory about pure consciousness "as such" Thomas Metzinger
	Michele Angelo Colombo	

Medium Hall A

Medium Hall B

TOP-DOWN INFLUENCE ON CONSCIOUS PROCESSING	AGENCY AND SELF	
Dynamic interactions between top-down expectations and conscious awareness	On the role of consciousness in arbitrary and deliberate decisions—an ERP study	17:00
Simon Van Gaal	Maoz Uri	
High-level influences on auditory bistability	The default network and the combination of cognitive processes that mediate self-generated thought	17:20
Alexander J. Billig	Vadim Axelrod	
Attention Promotes the Neural Encoding of Prediction Errors	Experience-dependent connectivity underlies expansion of human sense of agency	17:40
Cooper A. Smout	Nima Khalighinejad	
Differential temporal dynamics during visual imagery and perception	Electrophysiological and hemodynamic mechanisms for monitoring self-committed and observed decisions	18:00
Nadine Dijkstra	Nathan Faivre	
Can perceptual content be read-out from prefrontal cortex? Brian Odegaard	Gaining Perspective: On the Neurocomputational Mechanisms of Subjectivity	18:20
	Alexander Morgan	
From local interactions to frontoparietal networks: model-based fMRI dissociates somatosensory awareness from perceptual uncertainty, response selection, and motor planning	How using brain-machine interfaces influences the human sense of agency	18:40
Pia Schröder	Emilie Caspar	

Large Lecture Hall B

	ALTERED STATES OF CONSCIOUSNESS	SELF-RELATED PROCESSING
13:30	Sleep-like bistability, loss of causality and complexity in the cerebral cortex of patients with Unresponsive Wakefulness Syndrome	First Person Representation in Experience
	Matteo Fecchio	Miguel Ángel Sebastian
13:50	Brain activation patterns during micros- leep are consistent and stimulus-independent	Can unconscious intentions be more effective than conscious intentions? Test of the role of metacognition in hypnotic response
	Zixin Yong	Bence Palfi
14:10	Effect of cholinergic and noradrenergic stimulation in prefrontal and parietal cortices on level of consciousness	Giving false feedback to the true self
	Jon G. Dean	Jay Olson
14:30	Dynamic shifts in experience and brain activity induced by DMT	Agents of Volatility: A predictive coding explanation of self-stimulation
	Christopher Timmermann	Kelsey Palghat
14:50	Functional Connectivity Alteration in the Psychedelic State: an MEG Study	Are there degrees of self-consciousness?
	Lionel Barnett	Raphaël Millière
15:10	Robot-induced altered states of (bodily) self-consciousnessn in healthy subjects and patients with early psychosis	Functional mechanisms of meditation based alterations in the sense of self
	Fosco Bernasconi	Fynn-Mathis Trautwein

Medium Hall A

Medium Hall B

CONFIDENCE, METACOGNITION	PERCEPTUAL CONSCIOUSNESS	
Formal and statistical models for metacognition	Perceptual Uniformity in the Uniformity Illusion does not depend on low-level vision: evidence from sensory adaptation	13:30
Simon Bang Kristensen	Marta Suarez-Pinilla	
Distinguishing between criteria for seeing and criteria for report: a Bayesian decision theoretic account of visual detection	Brief learning negates the bias of action-outcome expectations on ambiguous motion perception	13:50
Stephen M. Fleming	Myrthel Dogge	
Decoding the neural correlates of objective versus subjective perception using human intracranial electrocorticography	Expectations misguide perception when attention is diverted to another task	14:10
1.5p.1/		
Megan A.K. Peters	Talis Bachmann	
	Talis Bachmann The influence of neural activity and prior expectations on emotional breakthrough into conscious awareness	14:30
Megan A.K. Peters Visual pathways differentially modulate	The influence of neural activity and prior expectations on emotional	14:30
Megan A.K. Peters Visual pathways differentially modulate subjective confidence	The influence of neural activity and prior expectations on emotional breakthrough into conscious awareness	14:30 14:50
Megan A.K. Peters Visual pathways differentially modulate subjective confidence Cody A. Cushing Does the function served by global availability in fact call for	The influence of neural activity and prior expectations on emotional breakthrough into conscious awareness Jessica McFadyen All-or-none consciousness between two	11100
Megan A.K. Peters Visual pathways differentially modulate subjective confidence Cody A. Cushing Does the function served by global availability in fact call for metacognition?	The influence of neural activity and prior expectations on emotional breakthrough into conscious awareness Jessica McFadyen All-or-none consciousness between two levels of representation	11100



1. Alilović, Josipa

No evidence that predictions and attention modulate the first feedforward sweep of cortical information processing

2. Arsiwalla, Xerxes

Integrated Information in Human Intracranial Recordings Distinguishes Volitional versus Non-volitional control of Information Sampling

Arsiwalla, Xerxes

Consciousness as an Evolutionary Game-Theoretic Strategy: What Multi-Agent Models Teach Us

4. Bečev, Ondřej

Diminished N1/P2 Suppression after Delayed Cardiac Feedback - Study Proposal

5. Bola, Michał | Informativeness of auditory stimuli does not affect

EEG signal diversity

- Brito, Michael | Dose-dependent effects of ketamine on neural signal diversity
- 7. Chang, Acer Y. C. | A neural coarse graining theory of consciousness
- 8. Chiu, Lynn

Gut Feelings: the Role of the Enteric Complex in Primordial Consciousness

9. Coulborn, Sean

Effects of tDCS on Mind-Wandering and the Default Mode Network

10. Doradzińska, Łucja

Is P3b a correlate of consciousness? Event-related potentials to consciously and unconsciously presented self-related stimuli.

- 11. Fahrenfort, Johannes Jacobus | The effect of criterion setting on neural correlates of unconscious processing
- 12. Filevich, Elisa

The brain basis of meta-ignorance in pre-schoolers

13. Munoz-Moldes, Santiago

Subjective evaluation of real-time fMRI based neurofeedback performance

14. Niedernhuber, Maria

How does sensory salience influence neural markers of expectation violation? An ERP oddball paradigm

15. Polychroni, Naya (Panagiota)

Electrophysiological signatures of mind wandering and meta-awarenes

16. Verbaarschot, Ceci

Intentions and actions: when do brain and experience meet?

17. Woźniak, Mateusz

Neural oscillations reflecting preparation for processing of self-related information

18. Yang, Tianming

Neural Correlates of the Parallel-Serial Transition of Value Representation in the Prefrontal Cortex

19. Zhong, Junpei

A neurorobotic experiment on multiple time-scales of predictive coding

Room

1. Barlas, Zeynep

Perceived autonomy of the co-agents: Examination of the sense of agency in human- versus robot-intended actions

2. Crosby, Matthew

Consciousness and the future of AI

3. Deane, George

Consciousness and predictive processing: top-down model revision?

4. Eisenkoeck, Antonia

Differences in the Intentionality Bias when Judging Human and Robotic Action

5. Findlay, Graham

The relationship between artificial consciousness and artificial intelligence: Separating phenomenal, functional, and constitutional equivalence.

6. Giorlando, Francesco

From the Inside Out, Non-locality and Consciousness

7. Gomes, Gilberto

Do neural antecedents of 'free' choice suggest that free will is an illusion?

8. Graf Grote, Hans-Juergen

Beyond Sensorimotor Contingencies - The Search for a Periodic Table of Elements of Mind

9. Hammond, Emily

Translating micro-phenomenology into the language of psychological science.

10. Hesselmann, Guido

Post-hoc trial sorting revisited: Comparing the statistical outcomes of repeated-measures ANOVA and linear mixed models (LMMs) in unbalanced data sets

11. Kałwak, Weronika

On enactive knowledge that someone is in pain – phenomenological study of medical doctor's experience of patients' pain recognition and understanding

12. Kean, Hope

No title

13. Presenting Author: Mogi, Ken

A Bayesian theory of the continuation of the self

14. Moore, Jack

Social Outcomes and Agency

15. Mroczko-Wąsowicz, Aleksandra

What can be consciously perceived?

16. Ohrnberger, Katharina

Navigating landscapes of consciousness - Investigating relational properties of structures and contents of consciousness under specific consideration of emotion and its regulation

17. Rosic, Jelena

Analysis of transmodality in a sensory augmentation case (A micro-phenomenological study)

18. Szczepanowski, Remigiusz

Interactionist view on consciousness in social cognition: a new approach to understanding the relations between metacognition and mindreading in humans

19. Wiese, Wanja

Who's afraid of the Bayesian boogeyman? What probabilistic neural representations can tell us about the contents of consciousness.

20. Presenting Author: Yu, Yen

Machine cognitive set-shifting



1. Gerrits, Anne

Did you want to move? Investigating motor intentions using brain-controlled forced movements

2. Goldway, Noam

Chronic pain patients display neural hypersensitivity to negative emotional content

3. Gooding, Peter

The role of bodily arousal and interoception in the sense of agency

4. Han, Jeong-Kyu

Emotional memory processing as bodily awareness

5. Harduf, Amir

The relation between psychedelic experience and bodily self-consciousness

6. Lam, Charlene Lok Man

Can we diminish fear responses without conscious awareness? An investigation of threat reduction using continuous flash suppression.

7. Larsson, Dennis E O

Dimensions of altered body perception in Tourette Syndrome

8. Liang, Caleb

Body-as-Subject in the Four-hand Illusion

9. Macauda, Gianluca

Shared brain areas underlying simulated and illusory self-motion

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