

意識

科學研究學會年會



ASSC21

JUNE 13-16, 2017

*The 21st Annual Meeting for
The Association for the Scientific Study of Consciousness*



INSTITUTIONAL PARTERS



SPONSORS



PROGRAM

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WELCOME TO BEIJING

Dear Participants,

Welcome to Beijing and to the 21st annual meeting of the Association for the Scientific Study of Consciousness!

The goal of the annual meetings of ASSC is to promote the empirical and theoretical research for consciousness, as it was when the first meeting took place in Claremont, 1997; and as it still is, 20 years later, in Beijing. During these two decades, the understanding of the nature, the function and the underlying mechanism of consciousness has advanced remarkably. In the meantime, the enthusiasm of our interdisciplinary community keeps on, proved by the 203 abstracts received and the 320 participants registered thus far. The Scientific Program Committee upholds the high standard of submission while balancing between core and new themes, which will be seen from the schedule of the meeting.

Also, it is such an honor for us to have Catherine Tallon-Baudry, David Leopold, Adrian Owen, Mu-Ming Poo, Joelle Proust and Rufin VanRullen as our keynote speakers, as well as Jean-Remi King, the James Prize winner, as one of our symposium lecturers. In total, we have 5 symposia, 8 tutorials, 135 posters and 52 talks in concurrent sessions.

As for extra opportunities to exchange ideas, numerous occasions are provided including the Opening Night Reception, the Student Social, the Conference Dinner, and the After Party. We would love to encourage you to interact and have conversations with colleagues where inspirations are most likely to emerge.

Finally, ASSC 21 would not be possible if not with the guidance of the President, Executive Director, and the members of the ASSC Executive Board, the dedication of the Scientific Program Committee and the Local Organizing Committee, and the effort of the Student Committee and our assistants. Special thanks to everyone involved!

Local Organizers of ASSC21.

COMMITTEES & EXECUTIVE BOARDS

ASSC 21 SCIENTIFIC PROGRAM COMMITTEE

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Olivia Carter, *The University of Melbourne, Australia*
Axel Cleeremans, *Université libre de Bruxelles, Belgium*
Zoltan Dienes, *University of Sussex, UK*
Paula Droege, *The Pennsylvania State University, USA*
Steve Fleming, *University College London, UK*
Ryota Kanai, *University of Sussex, UK*
Thomas K. Metzinger, *Johannes Gutenberg University Mainz, Germany*
Brigitte Röder, *University Hamburg, Germany*
Anil Seth, *University of Sussex, UK*
Catherine Tallon-Baudry, *PSL Research University, France*
Frank Tong, *Vanderbilt University, USA*
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Michał Wierzbchoń, *Jagiellonian University, Poland*

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Qiufang Fu (Co-chair), *Institute of Psychology, Chinese Academy of Sciences, China*
Fang Fang, *Peking University, China*
Yi Jiang, *Institute of Psychology, Chinese Academy of Sciences, China*
Wu Li, *Beijing Normal University, China*
Xun Liu, *Institute of Psychology, Chinese Academy of Sciences, China*
Peng Zhang, *Institute of Biophysics, Chinese Academy of Sciences, China*



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Yuqi Sun, *Institute of Psychology, Chinese Academy of Sciences, China*

Haoyue Ji, *Institute of Psychology, Chinese Academy of Sciences, China*

Qitian Li, *Institute of Psychology, Chinese Academy of Sciences, China*

PAST ASSC MEETINGS

ASSC 20 June 15-18, 2016 INECO Foundation and Centro Cultural de la Ciencia, Buenos Aires, Argentina
Chair: Tristan Bekinschtein

ASSC 19 July 7-10, 2015 École Normale Supérieure, Paris, France
Chair: Sid Kouider

ASSC 18 July 16-19, 2014 The Queensland Brain Institute and the University of Queensland, Brisbane, Australia
Chairs: Bruno van Swinderen and Olivia Carter

ASSC 17 July 12-15, 2013 The Neurosciences Institute, San Diego, USA
Chairs: David Edelman and Tobias Schlicht

ASSC 16 July 2-6, 2012 University of Sussex, Brighton, U.K
Chairs: Anil Seth and Zoltan Dienes

ASSC 15 June 9-12, 2011 Kyoto University, Kyoto, Japan
Chair: Tadashi Isa

ASSC 14 June 24-27, 2010 University of Toronto, Toronto, Canada
Chair: Mel Goodale

ASSC 13 June 5-8, 2009 Humboldt-Universität, Berlin, Germany
Chairs: John-Dylan Haynes, Michael Pauen, and Patrick Wilken

ASSC 12 June 19-22, 2008 National Taiwan University, Taipei, China
Chairs: Allen Hough and Ralph Adolphs

ASSC 11 June 22-25, 2007 The Imperial Palace Hotel, Las Vegas, USA
Chairs: Stephen Macknik and Susana Martinez-Conde

ASSC 10 June 23-26, 2006 St. Anne's College, Oxford, U.K.
Chairs: Geraint Rees and Patrick Wilken



ASSC 9 June 24-27, 2005 California Institute of Technology, Pasadena, USA

Chairs: Christof Koch and Patrick Wilken

ASSC 8 June 25-28, 2004 University of Antwerp, Antwerp, Belgium

Chair: Erik Myin

ASSC 7 May 30-June 2, 2003 University of Memphis, Memphis, USA

Chair: Stan Franklin

ASSC 6 May 31-June 3, 2002 The University of Barcelona and La Caixa Foundation Science Museum, Barcelona, Spain

Chairs: Manuel Garc.a-Carpintero and Josep Maci

ASSC 5 May 27-30, 2001 Duke University, Durham, USA

Chairs: Güven Güzeldere and Ron Mangun

ASSC 4 June 29-July 2, 2000 Université Libre de Bruxelles, Brussels, Belgium

Chair: Axel Cleeremans

ASSC 3 June 4-7, 1999 University of Western Ontario, London, Canada

Chair: Mel Goodale

ASSC 2 June 19-22, 1998 Hanse Institute for Advanced Study, Bremen, Germany

Chair: Thomas Metzinger

ASSC 1 June 13-16, 1997 The Claremont Colleges, Claremont, USA

Chairs: William Banks and Patrick Wilken

CONFERENCE VENUE

CONFERENCE CENTRE

Beijing International Conference Centre, BICC
北京国际会议中心

Ad: No. 8 Beichen Dong Road, Chaoyang District
地址：北京市朝阳区北辰东路8号



REGISTRATION & INFORMATION DESK

You can register on-site at the welcome desk during the following time:

June, 13th 08:00 - 18:30

June, 14th 08:00 - 19:30

June, 15th 08:30 - 18:00

June, 16th 08:30 - 12:00

The location of welcome (information) desk is at the entrance of the conference centre.

Please see Venue map (p.10-11) for details.

The information desk will be open at the following times:

June, 13th 08:00 - 18:30

June, 14th 08:00 - 19:30

June, 15th 08:30 - 18:45

June, 16th 08:30 - 19:00

VOLUNTEERS

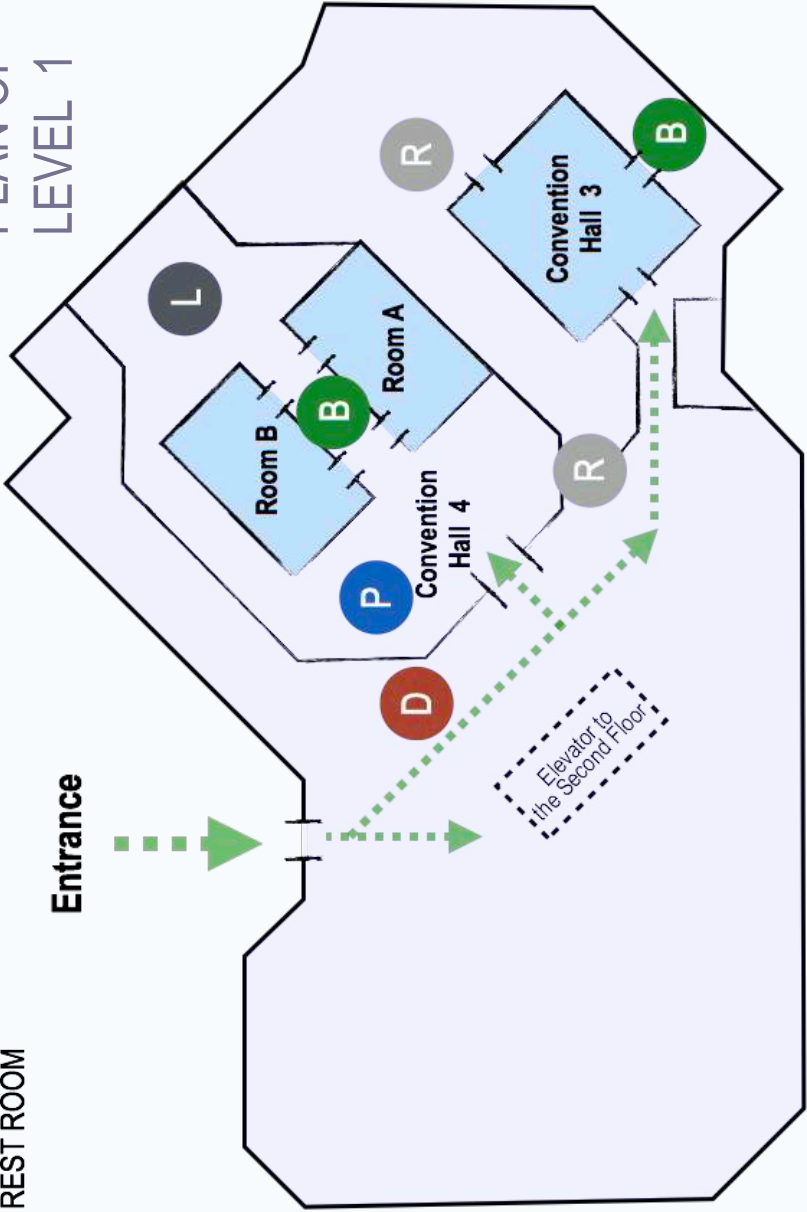
Our volunteers wear a white T-shirt with ASSC21 logo.
They will provide help whenever you need assistance.



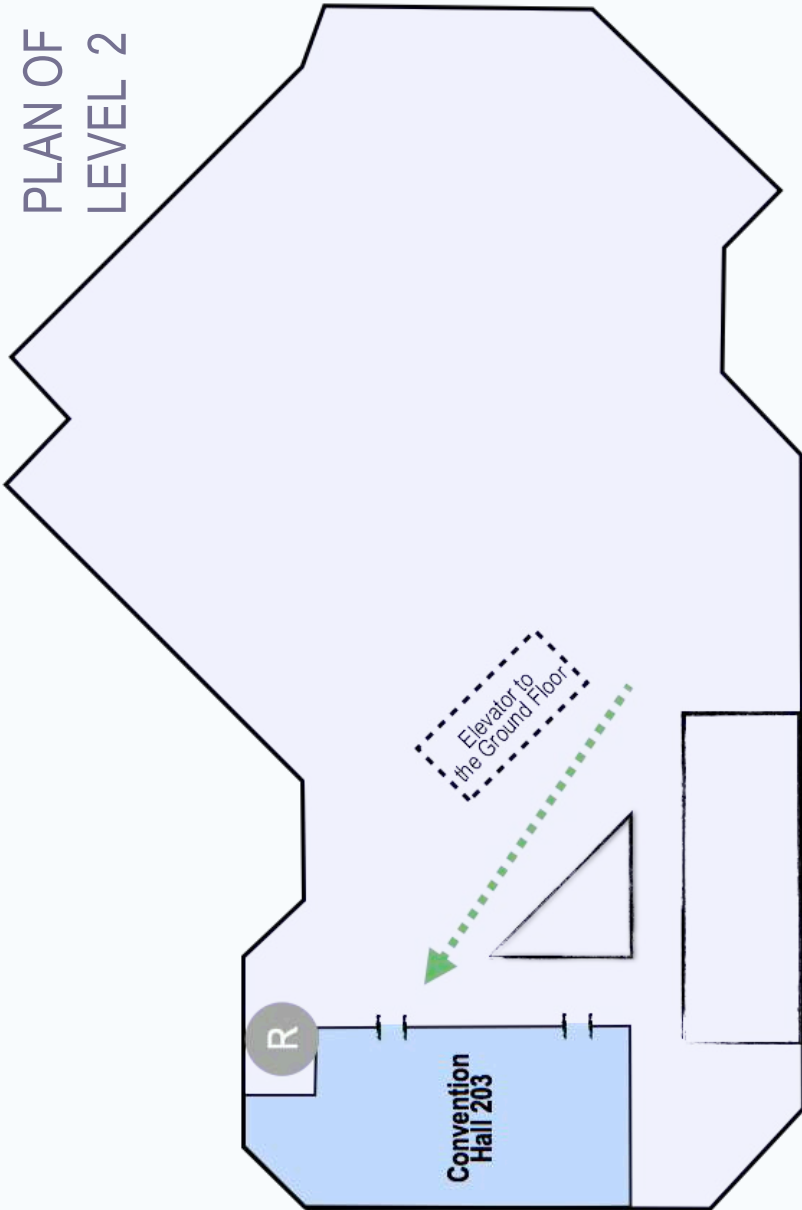
VENUE MAP

PLAN OF LEVEL 1

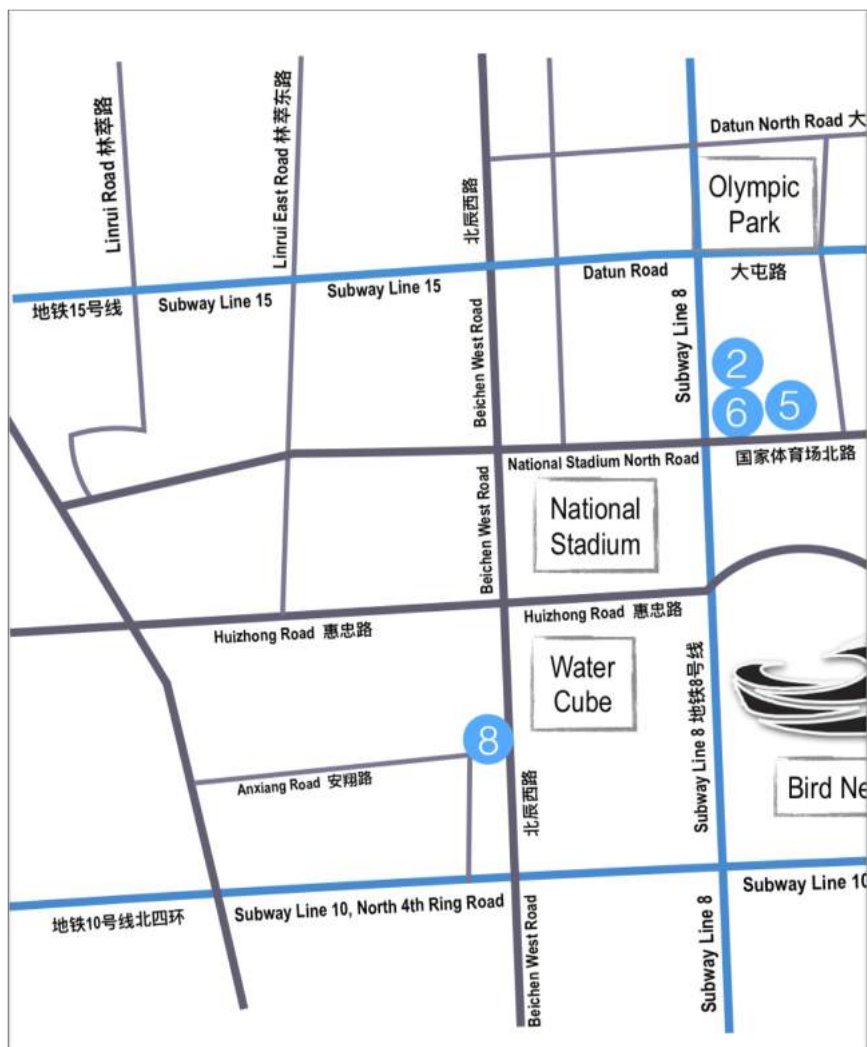
- WELCOME DESK
- POSTER AREA
- REST ROOM
- COFFEE BREAK
- LUNCH AREA



PLAN OF LEVEL 2

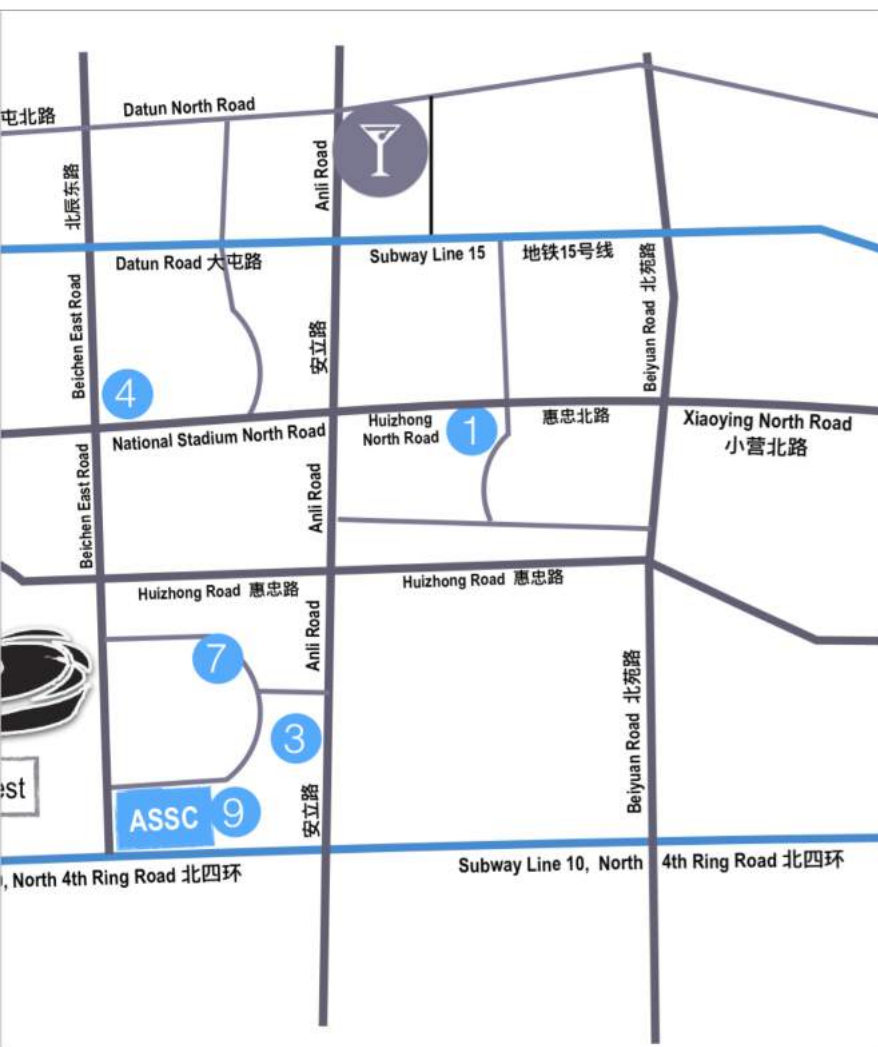


GENERAL MAP



Chinese Food

- | | |
|------------------------------------|--------------------|
| 1 Renmin Gongshe Zhulu Big Canteen | 4 Huangmen Hot Pot |
| 2 Xiaodiao Pear Soup | 5 Wuyue Kitchen |
| 3 Xibei Youhe Noodles | |



Western Food

- 6 New Yorker Restaurant
- 7 Sunshine Food Bar

Bars

- 8 Pangu Lounge
- 9 Palm Garden Lounge



Marco Polo Hotel
Student Social

Please see page 56 for details.

NOTICE



INTERNET ACCESS

ASSC21 provides free wireless internet access within the Conference Centre.

WI-FI: BICC WLAN



COFFEE BREAKS

Coffee breaks will be provided twice a day **outside the back door of Hall 3 and in the corridor of Hall 4.**

See venue map on page 10.



LUNCH

Lunch will be provided at conference site. Your lunch ticket will be available at the registration desk. It will be requested at the entrance.

Please note that the **colors of vegetarian lunch tickets and non-vegetarian lunch tickets are different.**

There are a lot of restaurants around the venue. Please refer to page 56 for recommended places.



WELCOME RECEPTION

June 13th 18:30-20:00

Conference Hall 3

Western-style Meal

All attendees are invited to the welcome reception.
Don't forget to pick up your meal tickets and badges !



STUDENT SOCIAL

June 14th 20:00-24:00

Marco Polo Hotel, Beijing Hall (3rd Floor)

马哥孛罗酒店 北京厅 (酒店3层)

78, Anli Road, Chaoyang District

朝阳区安立路78号

Party with Cocktails, Beers, and Snacks

All attendees are welcome to attend the party.
Don't forget to pick up your badges !



CONFERENCE DINNER

June 15th 18:20-19:50: transporting

19:50-22:00: dinner

Laoshe Tea House 老舍茶馆

No.3 Building, Zhengyang Market, Qianmen West Street

前门西大街正阳市场3号楼

Chinese Food with Traditional Show

We have reserved buses for transportation. Buses will leave at **18:20**. Please remember to bring your meal tickets !

If you miss the bus, go to the information desk to find our volunteers before 18:45 , they will help you to call a taxi.



Laoshe Tea House



AFTER PARTY

June 16th

Bar: Hoegarden (悦界)

Address: No. 10 south along Houhai

Business Hours: 14:00-4:00

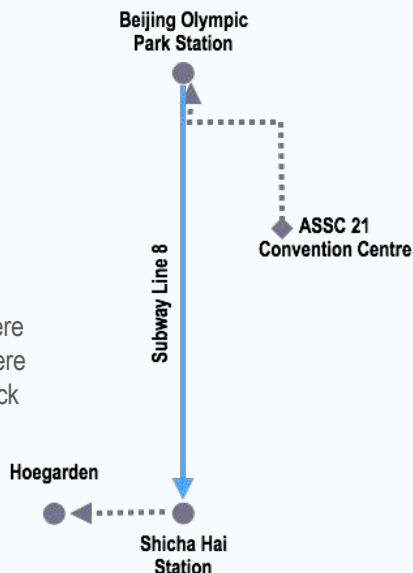
Tel: 13466666105

With resident singers

To the southeast of Shicha Hai Station, there is the South Luogu Lane (南锣鼓巷), where you can visit old buildings of Beijing and pick up some souvenirs.

Walk - Subway: 30 min - 30 min

Taxi: 25 min



Hou Hai

Beijing Fistar Technology Co., Ltd., founded in 2002, is a high-tech oriented enterprise, which has its unique business model and culture.

With fifteen years of experience, we have established a good bridge between the manufacturers and users, depending on the business philosophy of professionalism and integrity, the focus on product quality and after-sales service and timely feedback of customer voice. This also has earned us the confidence of our clients. We firmly believe that the established trust relationship with our customers is our greatest asset.

Fast-forward to today, we have won the qualification of the general agent of NeuroScan EEG amplification and acquisition system in the mainland of China, the first class agent of SMI eye tracking system and the general agent of SHIMADZU Near-Infrared Spectroscopy System for Research. .

Neuroscan EEG - ERP Acquisition and Analyses System



As an advanced EEG/ERP research tool, Neuroscan EEG-ERP Acquisition and Analyses System is the world's leading product of technologies for high-density EEG recordings. It is available to optimizing the discipline structure and supplying interdisciplinary resource sharing, like electro-magnetic source localization, multi-modal neuroimaging and enhancements to functional MRI.

LIGHTNIRS Portable Near-Infrared Spectroscopy System

Near-Infrared Spectroscopy System uses the high near infrared light to detect the active state of the cerebral cortex, it can analyze the functional localization of the brain by measuring the scattering and absorption of light inside of the living organisms.



LABNIRS functional Near-Infrared Spectroscopy System

LABNIRS functional Near-Infrared Spectroscopy System for research supports various research applications like education and psychology, medical research and multi-modality research. It can achieve noninvasive measurement of brain by detecting the levels of oxygenated hemoglobin (oxyHb) and deoxygenated hemoglobin (deoxyHb), based on the near-infrared light, which penetrates through the living organisms.





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电话: 010-82850748 传真: 010-82850747
www.yilinhealth.com
Info@yilinhealth.com





PROGRAM OVERVIEW

TUESDAY, JUNE 13

9:00

TUTORIALS

M2. Why Illusionism The Case for a Progressive Consciousness Research
M3. Quantifying metacognition: measures, models and theories
M4. The empirical study of altered states of consciousness

12:00

LUNCH BREAK

13:00

TUTORIALS

A1. Experimental hypnosis research
A2. Bayes evidence for no effect
A3. Deep learning
A4. Foundations of predictive mind
A5. Neuroimaging techniques for consciousness

16:15

WELCOME, JAMES PRIZE
Sheng He Jean-Rémi King

17:30

PRESIDENTIAL ADDRESS
Catherine Tallon-Baudry

18:30

OPENING NIGHT RECEPTION

WEDNESDAY, JUNE 14

8:30

KEYNOTE 1

Rufin VanRullen

9:30

COFFEE BREAK

10:00

SYMPOSIUM 1

Conscious and unconscious processes in decision-making

12:00

LUNCH BREAK

MENTOR
LUNCH

13:30

KEYNOTE 2

Adrian Owen

14:30

CONCURRENT
SESSION1

CONCURRENT
SESSION2

CONCURRENT
SESSION3

16:30

COFFEE BREAK

17:00

SYMPOSIUM 2

Timing perceptual awareness: empirical challenges

20:00

STUDENT SOCIAL

MARCO POLO HOTEL



THURSDAY, JUNE 15

8:30	KEYNOTE 3 David Leopold	
9:30	COFFEE BREAK	
10:00	SYMPOSIUM 3 Creating consciousness on demand: how the imagination creates visual consciousness	
12:00	LUNCH BREAK POSTERS ON DISPLAY	CARRER PANEL LUNCH
13:30	KEYNOTE 4 Mu-ming Poo	
14:30	POSTER SESSION 1 COFFEE BREAK	
16:00	CONCURRENT SESSION 4	CONCURRENT SESSION 5
		CONCURRENT SESSION 6
18:20	TRANSPORTING TO LAOSHE TEA HOUSE	
19:50	CONFERENCE DINNER LAOSHE TEA HOUSE	

FRIDAY, JUNE 16

8:30	KEYNOTE 5 Joëlle Proust	
9:30	COFFEE BREAK	
10:00	SYMPOSIUM 4 Feelings of space? Somatosensory spatial perception and neurophenomenology of bodily awareness"	
12:00	LUNCH BREAK POSTERS ON DISPLAY	
13:00	CONCURRENT SESSION 7	CONCURRENT SESSION 8
		CONCURRENT SESSION 9
15:00	POSTER SESSION 2 COFFEE BREAK	
16:30	SYMPOSIUM 5 Interoceptive Inference: From Bodily Signals to Conscious Experience	
18:30	CLOSING REMARKS	
20:00	AFTER PARTY HOU HAI	

PROGRAM AT A GLANCE

KEYNOTE

July 14 th , 08:30-09:30	Hall 3	Perceptual cycles Rufin VanRullen , Université Paul Sabatier
July 14 th , 13:30-14:30	Hall 3	Into the gray zone: new approaches to assessing awareness in disorders of consciousness Adrian Owen , Western University
July 15 th , 08:30-09:30	Hall 3	High-level visual specialization in the brain: linking single neurons to fMRI networks David Leopold , National Institute of Mental Health
July 15 th , 13:30-14:30	Hall 3	From synaptic plasticity to self-awareness Mu-ming Poo , Chinese Academy of Sciences
July 16 th , 08:30-09:30	Hall 3	Epistemic feelings and thought awareness Joëlle Proust , Ecole Normale Supérieure

SYMPOSIUM

July 14 th , 10:00-12:00	Hall 3	Conscious and unconscious processes in decision-making Chair: Martijn. E. Wokke , Université Libre de Bruxelles
July 14 th , 17:00-19:00	Hall 3	Timing perceptual awareness: empirical challenges Chair: Jean-Rémi King , New York University
July 15 th , 10:00-12:00	Hall 3	Creating consciousness on demand: how the imagination creates visual consciousness Chair: Joel Pearson , The University of New South Wales Sydney & Thomas Nasalaris , Medical University of South Carolina
July 16 th , 10:00-12:00	Hall 3	Feelings of space? Somatosensory spatial perception and neurophenomenology of bodily awareness" Chair: Patrick Haggard , University College London & Francesca Fardo , Aarhus University
July 16 th , 16:30-18:30	Hall 3	Interoceptive inference: from bodily signals to conscious experience Chair: Xiaosi Gu , University of Texas Dallas & Anli. K. Seth , University of Sussex



CONCURRENT SESSION

July 14 th , 14:30-16:30	Hall 3	Measures of consciousness Moderator: Stanley Klein
July 14 th , 14:30-16:30	Hall 4 Room A	Unconscious processes Moderator: Axel Cleeremans
July 14 th , 14:30-16:30	Hall 4 Room B	Bodily awareness Moderator: Jamie Ward
July 15 th , 16:00-18:00	Hall 3	Models and theories of consciousness Moderator: Ryota Kanai
July 15 th , 16:00-18:00	Hall 4 Room A	Consciousness and contents Moderator: Stephen M. Fleming
July 15 th , 16:00-18:00	Hall 4 Room B	Action and volition Moderator: Juan Chen
July 16 th , 13:00-15:00	Hall 3	Perceptual consciousness Moderator: Kristan Sandberg
July 16 th , 13:00-15:00	Hall 4 Room A	Attention Moderator: Tristan A. Bekinschtein
July 16 th , 13:00-15:00	Hall 4 Room B	Consciousness and contents, etc. Moderator: Shimon Edelman



PROGRAM DAY BY DAY

TUESDAY, JUNE 13th

9:00-12:00**TUTORIALS M1-M3**

HALL 203

M2. Why illusionism the case for a progressive consciousness research program

Room 203

Daniel Dennett (Tufts University)
Keith Frankish (The Open University)
Enoch Lambert (Tufts University)

M3. Quantifying metacognition: measures, models and theories

Room 203

Stephen Fleming (University College London)

M4. The empirical study of altered states of consciousness: common standards in the psychometric assessment of subjective experiences

Room 203

Timo Torsten Schmidt (Institute of Cognitive Science)

12:00-13:00 LUNCH BREAK**13:00-15:00****TUTORIALS A1-A5**

HALL 203

A1. A primer on experimental hypnosis research

Room 203

Devin B. Terhune (University of London)
Vince Polito (Macquarie University)
Amanda J. Barnier (Macquarie University)

A2. Using bayes factors to provide evidence for no effect

Room 203

Zoltan Dienes (University of Sussex)

A3. Deep learning: implementing consciousness

Room 203

Antoine Pasquali (XCompass Ltd.)



A4. Computational and theoretical foundations of the predictive mind

Room 203

Ryota Kanai (*Araya Brain Imaging*)
Jakob Hohwy (*Monash University*)

A5. Novel neuroimaging techniques for the non-invasive study of consciousness

Room 203

Lucas Parra (*The City University of New York*)
Jacobo Sitt (*Pitié Salpêtrière Hospital*)
Enzo Tagliazucchi (*Netherlands Institute for Neuroscience*)

16:15-16:45 OPENING REMARKS HALL 3

Welcome to Beijing

Chair: Sheng He

Chinese Academy of Sciences; University of Minnesota



16:45-17:30 JAMES PRIZE LECTURE

Decoding the unfolding of conscious and unconscious perception

Jean-Rémi King

New York University



17:30-18:30 PRESIDENTIAL ADDRESS

Title: Neural mechanisms explaining first person perspective and subjectivity

Catherine Tallon-Baudry

Ecole Normale Supérieure, France



18:30-20:30 OPENING NIGHT RECEPTION HALL 3



WEDNESDAY, JUNE 14th

8:30-9:30**KEYNOTE 1**

HALL 3

Title: Perceptual cycles**Rufin VanRullen**

Université Paul Sabatier, France



9:30-10:00 COFFEE BREAK

10:00-12:00**SYMPOSIUM 1**

HALL 3

Conscious and unconscious processes in decision-making

Chair: Martijn. E. Wokke, Université Libre de Bruxelles**Talk1: Entrainment of finger tapping to unperceived auditory regularities***Aaron Schurger, CEA-Saclay***Talk2: Hazy decisions in the mist of consciousness: wakefulness differentially modulates conscious access and metacognition***Tristan Bekinschtein, Favaloro University***Talk3: The impact of feedback awareness on reward-based learning and choice perseveration: computational and electrophysiological underpinnings***Simon van Gaal, Radboud University Nijmegen***Talk4: Influence of sensory noise on endogenous decisions and subjective freedom of choice***Lucie Charles, University College London***Talk5: Differential information supports first- and second-order decisions***Martijn. E. Wokke, Université Libre de Bruxelles*

12:00-13:30 LUNCH BREAK

MENTOR LUNCH

Mentor lunch will be held at Café of Continental Grand



13:30-14:30

KEYNOTE 2

HALL 3

Title: Into the gray zone: new approaches to assessing awareness in disorders of consciousness

Adrian Owen,

Western University, Canada



14:30-16:30

CONCURRENT SESSIONS 1-3

	1. Measures of consciousness Location: Hall 3 Moderator: Stanley Klein	2. Unconscious processes Location: Hall 4-Room A Moderator: Axel Cleeremans	3. Bodily awareness Location: Hall 4-Room A Moderator: Jamie Ward
14:30	A strict criterion for perception without awareness: conscious until proven otherwise Tarryn Baldson	Adaptive significance of consciousness in model-based reinforcement learning Aurelio Cortese	Action-based hand ownership in monkeys and humans Wen Fang
14:50	Can we build a consciousness meter? Tim Bayne	Glucose metabolism and cerebral blood flow in patients with disorders of consciousness Pengmin Qin	Conscious and unconscious forms of vicarious pain perception Jamie Ward
15:10	Freezing effect: evidence of audiovisual integration by eye tracking Lihan Chen	Intentional binding in hypnosis Peter Lush	Examining the phenomenology of bodily ownership Yen-Tung Lee
15:30	Improving methods for assessing the richness of qualia Stanley Klein	Sensorimotor coupling modulates visual awareness of 3D objects Keisuke Suzuki	On the very idea of a tactile field Tony Cheng
15:50	Increased spontaneous MEG signal diversity for psychoactive doses of ketamine, LSD and psilocybin Michael Schartner	Submillisecond subliminal primes in a semantic priming study Dalila Achoui	The sense of 1pp-location contributes to shaping the perceived self-location together with the sense of body-location Hsu-Chia Huang
16:10	Loss of consciousness is related to hyper-correlated gamma-band activity in anesthetized macaques and sleeping humans Michal Bola	The limits of non-conscious working memory Darinka Trübtschek	



16:30-17:00 COFFEE BREAK

17:00-19:00

SYMPOSIUM 2

HALL 3

Timing perceptual awareness: empirical challenges

Chair: Jean-Rémi King , New York University

Talk1: Disentangling early sensory processing and conscious access when perception is reported and when it remains private

Claire Sergent, INSERM

Talk2: Discrete and continuous mechanisms of temporal selection in rapid visual streams

Sébastien Marti, INSERM

Talk3: Is there a fixed time for the neural correlate of consciousness?

Lucia Melloni, New York University

Talk4: Brain mechanisms underlying the brief maintenance of seen and unseen sensory information

Jean-Rémi King, New York University

20:00-24:00 STUDENT SOCIAL

Marco Polo Hotel. See page 15 for details



THURSDAY, JUNE 15th

8:30-9:30**KEYNOTE 3**

HALL 3

**Title: High-level visual specialization in the brain:
linking single neurons to fMRI networks**

David Leopold

National Institute of Mental Health, USA



9:30-10:00 COFFEE BREAK

10:00-12:00**SYMPOSIUM 3**

HALL 3

Creating consciousness on demand: how the imagination creates visual consciousness

Chair: Joel Pearson, UNSW Sydney & Thomas Nasalaris, Medical University of South Carolina

Talk1: Mind control: measuring and manipulating the strength of the visual imagery
Joel Pearson, The University of New South Wales Sydney

Talk2: Brain decoding of perception, imagery, and dreaming
Yukiyasu Kamitani, Kyoto University

Talk3: Decoding the nonconscious dynamics of thought generation
Roger Koenig-Robert, The University of New South Wales Sydney

Talk4: A predictive coding account of visual mental imagery
Thomas Nasalaris, Medical University of South Carolina

12:00-13:30 LUNCH BREAK
POSTERS ON DISPLAY

CARRER PANEL LUNCH Hall 4-Room A
Authors can display your posters during this period, but
you don't have to be at the scene.

**13:30-14:30****KEYNOTE 4**

HALL 3.

Title: From synaptic plasticity to self-awareness

Mu-ming Poo**Chinese Academy of Sciences, China**

14:30-16:00 COFFEE BREAK, POSTER SESSION 1. HALL 4

14:30-16:30**CONCURRENT SESSIONS 4-6****4. Models and theories of consciousness**

Location: Hall 3

Moderator: Ryota Kanai**16:00**

A candidate for the 'category of experiences'

Aditi Kathpalia**16:20**

A functional role for consciousness in model-based control of attention

Taylor Webb**16:40**

Conscious unity in the absence of massive integration of information

Yair Pinto**17:00**

Counterfactual information generation as a basis for consciousness

Ryota Kanai**17:20**

Interrelating cortical excitability and sensory evidence to understand subjective and objective measures of awareness

Jason Samaha**17:40**

The influence of perceptual decision and motor response on perceptual awareness

Marta Siedlecka**5. Consciousness and contents**

Location: Hall 4-Room A

Moderator: Stephen M. Fleming

Can consciousness cure intentional indeterminacy?

Amir Horowitz

Human occipital and parietal GABA selectively influence the magnitude of orientation and size illusions

Kristian Sandberg

Perception, constancies, and action

Robert Foley

Perceptual sensitivity is modulated by what others can see

Stephen M Fleming

Recent visual experience determines the spatial extent of a predictive memory illusion

David Carmel

The neural correlates of cross-modally facilitated transitions from a non-conscious to conscious percept during binocular rivalry

Matthew J Davidson**6. Action and volition**

Location: Hall 4-Room B

Moderator: Juan Chen

Does unconscious control depend on experienced conflict?

Bence Palfi

Sub-second dopamine and serotonin micro-fluctuations coordinate moment-to-moment encoding of behavioral control signals in humans

Kenneth T. Kishdia

The effect of military context on sense of agency

Emilie A. Caspar

The influence of crowding on grip scaling during grasping

Juan Chen

The influence of non-conscious processing on human decision making

Craig Chapman

We are not Buridan's ass: multimodal imaging of free choices in healthy and diseased brains

Jiaxiang Zhang



18:20-19:50 TRANSFERR TO
LAOSHE TEA HOUSE BY BUS

19:50-22:00 CONFERENCE DINNER



FRIDAY, JUNE 16th

8:30-9:30**KEYNOTE 5**

HALL 3

Title: Epistemic feelings and thought awareness**Joëlle Proust**

Ecole Normale Supérieure, France



9:30-10:00 COFFEE BREAK

MEETING SCHEDULE

10:00-12:00**SYMPOSIUM 4**

HALL 3

Feelings of space? Somatosensory spatial perception and neurophenomenology of bodily awareness"**Chair: Patrick Haggard**, University College London & **Francesca Fardo**, Aarhus University**Talk1: Spatial encoding of the thermal-grill illusion of pain**
*Francesca Fardo, Aarhus University***Talk2: The spatial character of distal touch**
*Matthew Fulkerson, University of California San Diego***Talk3: Skin-space: the receptor array as basis for spatial perception**
*Patrick Haggard, University College London***Talk4: Somatosensory fields and perceptual objects**
Mike Martin, University College London

12:00-13:00 LUNCH BREAKPOSTERS ON DISPLAY



13:00-15:00

CONCURRENT SESSIONS 7-9

	7. Perceptual consciousness Location: Hall 3 Moderator: Kristan Sandberg	8. Attention Location: Hall 4-Room A Moderator: Tristan A. Bekinschtein	9. Consciousness and contents, etc. Location: Hall 4-Room B Moderator: Shimon Edelman
13:00	Brain's functional network correlates of conscious somatosensory perception Martin Grund	Attribute amnesia: failure to report attended information that had just reached conscious awareness Hui Chen	Fundamental constraints on the time course of perception and consciousness Shimon Edelman
13:20	Functional localisation of the Ebbinghaus illusion in human primary visual cortex Daniel Gramm Kristensen	Involuntary orienting to sound can retrospectively improve visual perception Daphné Rimsky-Robert	Individual differences in change blindness are predicted by top-down visual stability not bottom-up visual ability Nora Andermane
13:40	Illusory shape perception is a two-stage process driven first by predicting then by inhibit: a MEG study Liu Ling	Mechanics of spatial inattention in natural loss of consciousness Sridhar R. Jagannathan	Metacognition dysfunction and disruption of global balance of brain networks in schizophrenia Xiaohong Wan
14:00	Neurochemical and oscillatory contributions to time perception Devin B. Terhune	Predictive processing and the overflow hypothesis Krzysztof Dolega	Nonexperientialism and the explanatory gap Laura Gradowski
14:20	What is the temporal resolution of visual categorical perception? Questions from multimodal studies of cortical activity Leon Y. Deouell	The cognitive mechanisms of hypnotic attentional modulation: insights from an attentional blink study Hernan Anllo	Perceiving-as: perception, cognition, or something else? Henry Shevlin
14:40		The subcortical neural mechanisms of network switching for visual conscious perception Sharif Ismail Kronemer	The selfless brain: long-term meditation alter narrative-and minimal-self related networks Aviva Berkovich-Ohana



15:00-16:30 COFFEE BREAK, POSTER SESSION 2. HALL 4

16:30-18:30 **SYMPOSIUM 5** HALL 3

Interoceptive inference: from bodily signals to conscious experience

Chair: **Xiaosi Gu**, University of Texas Dallas & **Anli. K. Seth**, University of Sussex

Talk1: Being a beast machine

Anli. K. Seth, *University of Sussex*

Talk2: Predictive coding of heartbeats

Frederike Petzschner, *ETH & University of Zurich*

Talk3: In search of an "interoceptive schema": an active inference perspective

Giovanni Pezzulo, *National Research Council*

Talk4: A bayesian observer model of drug craving

Xiaosi Gu, *University of Texas Dallas*

18:30-19:00 **CLOSING REMARKS** HALL 3

Student Prize Award Ceremony

ASSC 22 (Krakow, Poland) Introduction

20:00-22:30 AFTER PARTY AT HOU HAI

For more details, please see page 17.



POSTER LIST

Poster Session 1

14:30-16:00, Thursday, Hall 4

Altered states of consciousness

- | | | |
|----|-----------------|--|
| P1 | LuBin Wang | Combination of clinical diagnosis and neuroimaging biomarkers for determining representative VS and MCS patients from a large cohort: classification and validation at an individual level |
| P2 | Behnaz Jarrahi | Differential functional network connectivity in the sensory, memory and executive networks in the first-episode schizophrenia patients with hallucinations vs non-hallucinators |
| P3 | Jianfeng Zhang | How is temporal variability related to scale-free activity? A resting state fMRI investigation in general anesthesia |
| P4 | Timo T. Schmidt | Identifying common structures of altered states experiences by meta-analysis of questionnaire data |
| P5 | Yituo Wang | Reduced hippocampal connectivity with the default and executive control networks exhibited by patients in a vegetative state relative to those in a minimally conscious state |

Animal consciousness

- | | | |
|----|-------------------|--|
| P6 | Liu Shih-Hao | Analog magnitude representation, animal cognition and nonconceptual self-consciousness |
| P7 | Neng Gong | Mirror self-recognition in monkeys |
| P8 | Masatoshi Yoshida | Spatial awareness and the attention networks in a monkey model of unilateral spatial neglect |

Artificial intelligence & Automatic processes

- | | | |
|----|--------------|---|
| P9 | Zhongzhi Shi | Machine consciousness architecture in CAM |
|----|--------------|---|



Poster Session 1

14:30-16:00, Thursday. Hall 4

Attention

P10	Raechelle Gibson	Alterations in the explicit, but not implicit, detection of auditory regularity at sleep onset
P11	Haggai Sharon	Chronic pain patients display sustained and dysfunctional bias towards unattended negative visual cues
P12	Guanlan Kang	Conscious access to invisible objects is modulated by reward and audiovisual integration
P13	Stephen Whitmarsh	Stomach-brain coupling co-varies with spontaneous fluctuations in attention
P14	Nicolas Alzetta	The role of attention in mental action
P15	Andrew I. Wilson	The role of awareness in attentional flexibility
P16	Kaiyun Li	Voluntary and automatic shifts of spatial attention to symbolic cues

Bodily awareness

P17	Paweł Motyka	Conscious somatosensory perception varies across the cardiac cycle
P18	Jiabin Yu	Influence of stimulation position on recognition of the hedonic of gentle touch
P19	Mai MINOURA	No definitive SoO/SoA but SCR response; bodily self after the experience of "Ouija board" and "Old hag syndrome" illusion
P20	Jasmine Berry	Sensorimotor domains for self-awareness as a method of introspection in the development of machine consciousness
P21	Lieke M.J. Swinkels	The self-generated full body illusion: consequences for tactile processing

Consciousness and contents

P22	Vadim Petruk	Binocular rivalry and stimulus rivalry share a common neural substrate
P23	Jarno Tuominen	Changes in neural activity and experience following a hypnotic suggestion: a TMS-EEG study on negative hallucinations
P24	Chen Zhao	Conscious appreciation of the beauty of poems in the three-second time window

**Poster Session 1****14:30-16:00, Thursday. Hall 4**

- | | | |
|-----|------------|---|
| P25 | Ruichen Hu | Information with temporal regularities is prioritized for visual awareness |
| P26 | Yuting Ye | Nostril-specific attentional gain without awareness |
| P27 | Tao Chen | Schizotypal personality and involuntary mental time travel |
| P28 | Da Dong | The manifestation of mind: a transforming perspective from process philosophy |

Disorders of perceptual consciousness

- | | | |
|-----|------------------|--|
| P29 | Urszula Górski | Evidence integration in natural acoustic textures vary between consciousness states. |
| P30 | Berkovitch Lucie | Impaired conscious access in schizophrenia is associated with abnormal attentional amplification |

Emotion

- | | | |
|-----|-------------|--|
| P31 | Qian Cui | Fearful faces shorten the perceived blank duration |
| P32 | Yuhang Long | Neural synchronization in lovers |

Learning

- | | | |
|-----|-------------------------|---|
| P33 | Xunwei Sun | Cross-modal and single-modal probabilistic category learning in a weather prediction task |
| P34 | Michelle Satkunarajah | Disentangling the perruchet effect: the role of context and priming in automatic learning |
| P35 | Jie Wu | Does prototype category learning include declarative memory? |
| P36 | Jianping Huang | fMRI investigation on gradual change of awareness states in implicit sequence learning |
| P37 | Mateo Leganes Fonteneau | Implicit conditioning modifies both attention and pleasantness |
| P38 | Xiao Hu | Individual differences in the accuracy of judgments of learning are related to left insula |
| P39 | Rekha S. Varrier | The effect of corrupted feedback on perceptual inference |
| P40 | Xiaoyan Zhou | The role of edge-based and surface-based information in incidental category learning: evidence from behavior and event-related potentials |

**Poster Session 1 14:30-16:00, Thursday. Hall 4****Measures of consciousness**

- | | | |
|-----|--------------------------|--|
| P41 | Elisabeth Pares Pujolras | Ambushing the will: a new method for studying conscious intention in voluntary action. |
| P42 | Nils Sandman | Challenges of measuring subjective experiences in epidemiological setting |
| P43 | Mikael Ringstad Hedne | Metacognitive feelings for insightful vs. noninsightful solutions to magic tricks |
| P44 | Cristobal Dañobeitia M. | Online and reenacted subjective reports: advantages and issues of their use in virtual reality and 2d multimedia content for consciousness research. |
| P45 | Jianxin Zhang | Test for opposition logic in the process dissociation procedure: resting-state brain activity is related to generation tasks in implicit sequence learning |

Memory

- | | | |
|-----|--------------|--|
| P46 | Lin Li | The influence of study duration and level-of-processing on familiarity -- a study based on the RWCR paradigm |
| P47 | Zhou Chu | The recognition without cued recall cross languages |
| P48 | Qiaoli Huang | Time-reversed activation of sequentially memorized items during maintaining period in humans |

Mind-wandering

- | | | |
|-----|----------------------|---|
| P49 | Mariana Babo-Rebello | Imagining the self is associated with neural responses to heartbeats in medial motor regions and the ventromedial prefrontal cortex |
| P50 | Song Xiaolan | Inspired by distraction: the problem solving function of mind wandering depends on who use it and what problem encountered |

Poster Session 1 14:30-16:00, Thursday. Hall 4

Models and theories of consciousness

- | | | |
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| P51 | Haoying Liu | Integrated information theory: a philosophical evaluation |
| P52 | Rui Wu | Reflexive monism: on max velmans' thoughts of consciousness |
| P53 | Arnaud Beauny | The joint dynamics of consciousness and metacognition: a computational approach |

Perceptual consciousness

- | | | |
|-----|--------------------|---|
| P54 | Shuai Chang | Functional effects of involuntary phantom colour on conscious perception |
| P55 | Maria Niedernhuber | Neural mechanisms of hierarchical predictions across modalities |
| P56 | Laurene Vuillaume | Placebo-suggestion modulation of first-order performance in a visual perception task. |
| P57 | Nicolas Becker | Severely reduced priming effects when forward masks precede backward masking |
| P58 | Nilsu Atilgan | Visual crowding effect in the parvocellular and magnocellular visual pathways |

Self consciousness

- | | | |
|-----|-----------------|--|
| P59 | Zhao Ke | Feeling of agency and judgment of agency: a two-stage model for the temporal binding effect in voluntary key-press actions |
| P60 | Heidi Haanila | The disappeared self? What can analysis of cotard syndrome expose about the structure of self-consciousness? |
| P61 | Ignacio Rebollo | The gastric network: a new resting state network revealed by brain-stomach phase synchrony |
| P62 | Kei Kojima | VR experiments on the dynamic relationship between the senses of ownership and agency |

**Poster Session 1 14:30-16:00, Thursday. Hall 4****Unconscious processes**

P63	Dongxue Zhang	Aesthetic evaluation as unconscious basis for moral and economic-related judgments
P64	Xilei Zhang	Conditioned fear lengthens perceived temporal duration without visual awareness
P65	Valeria Mongelli	I know what you mean (but I may not see it) - semantic processing in absence of awareness
P66	Yuqi Sun	Perceptual sequence learning without awareness
P67	Wei Chen	Tangled codes of facial affects and odor hedonics below awareness
P68	Yuyan Luo	Unconscious goal prime: definition, mechanism and application

Artificial intelligence & Automatic processes

P69	Uziel Awret	Predictive coding, sparse networks and theta precession
P70	Amanda Song	Redefining self-awareness in the face of advanced artificial intelligence and contextual robots

Poster Session 2 15:00-16:30, Friday. Hall 4**Bodily awareness**

P71	Hein T. van Schie	Being your avatar: dysfunctional motor control and body awareness in a third person self perspective
P72	Bartosz Majchrowicz	Explicit sense of agency and presence in virtual reality simulator
P73	Elisa Filevich	Metacognition of movement: the case of facial expressions
P74	Shu Imaizumi	Potential link between perceived duration and agency during manual action
P75	Brianna K. Morseth	The embodied mind of bodhidharma: a neuro-phenomenological perspective on the psycho-physicality of chan and zen buddhist meditation practice

**Poster Session 2****15:00-16:30, Friday. Hall 4****Bodily awareness**

P76	Weina Zhu	Does face familiarity depend on consciousness?
P77	Claire Braboszcz	EEG time-frequency characteristics and temporal decoding of visual mental imagery
P78	Elisabeth Norman	Feelings of knowing for general knowledge questions: does partial knowledge predict future retrievability?
P79	Ernst Poeppel	Time windows as necessary condition for states of being conscious
P80	Jan Drewes	Unmasking the temporal mechanisms of awareness using continuous flash suppression

Decision

P81	Yinmei Ni	Decision uncertainty monitoring, not value comparison in ventromedial prefrontal cortex during value-based decisions
P82	Alexandra Vlassova	Disentangling sensory from decisional processing using steady-state visually evoked potentials
P83	Camile Maria Costa Corrêa	Feedback-related pupil dilation and P3 waveforms encode prediction error responses in the human brain, but only when feedback is conscious

Learning

P84	Eiko Matsuda	Enhancement of motor learning by idiosyncratic cross-modal mappings
P85	Shan Jiang	Implicit learning and length transfer effect of Chinese tonal symmetry
P86	Xiuyan Guo	The neural basis of fluency effect arising from implicit knowledge of tonal symmetry
P87	Fengying Li	The role of perceptual simulation in implicit learning and the metaphoric transfer of form-meaning connections



Poster Session 2 15:00-16:30, Friday. Hall 4

Measures of consciousness

P88	Xiaofei Jia	An empirical study of yi-based mental cultivating method
P89	Vince Polito	Development of a new psychometric measure of agency, embodiment, and presence
P90	Borysław Paulewicz	Inference rules for identifying the content NCCs based on Pearl's causal analysis framework
P91	Timothy Joseph Lane	Levels of consciousness and the brain's intrinsic activity
P92	Takuya Niikawa	Phenomenological training in the wood of illusions: a methodological proposal for neurophenomenology

Mind-body problem

P93	Wenyuan Yu	The activation of structure- and function-based action representation is not automatic and depend on context and level of object processing
P94	Xuexin Zhang	The echo argument: a new way to get over the hard problem?

Models and theories of consciousness

P95	Jun Kitazono	A practical algorithm for searching informational cores of a network
P96	Constanza Ruiz-Danegger	Beyond piaget and fodor: developmental hypotheses of consciousness in argentine tango dancers experience
P97	Yukio-Pegio Gujji	Consciousness as a pair of bayes and inverse bayes inference hidden in endo-perspective
P98	Kristjan Loorits	Dreaming about interacting: a challenge for sensorimotor enactivism
P99	Iudmila vucolova	Formation of a thought: how the brain produces a conscious experience
P100	Yunlong Xiao	Group consciousness and social autopoiesis
P101	Michał Wierchoń	How do we know we are conscious? In search of an integrative model of consciousness

Poster Session 2 15:00-16:30, Friday. Hall 4

Models and theories of consciousness

P102	Miguel Angel Sebastian	IIT and the first person perspective: intrinsic vs. de se information
P103	Helge Malmgren	Modelling complex hebbian reverberations using sets of spiking oscillators
P104	Satohiro Tajima	Topology of brain-wide attractor dynamics in consciousness

Neural basis of consciousness

P105	Amir Norouzpour	New insights into steady-state visual evoked potential statistics to explore the neural correlates of consciousness
P106	Henry Railo	Perception of phosphenes correlates with decreased EEG complexity

Perceptual consciousness

P107	Youguo Chen	Bayesian perceptual model combined with the Weber-Fechner law explaining the Kappa effect
P108	Yan Bao	Beyond blindsight: conscious vision in blind areas represented on the "wrong" side of the brain
P109	Marjan Persuh	Capacity limitations of human visual system are not restricted to conscious vision
P110	Ming Peng	Differences of temporal and space perception in internet words and real-word words processing
P111	Xiangyong Yuan	Enhanced perceptual and neural representation of visual rhythm through audiovisual integration
P112	Michael A. Cohen	Ensemble statistics expand the richness of conscious perception
P113	Qian Xu	Irrelevant context facilitates conscious access to averted eye gaze
P114	Noya Meital-Kfir	Modification of visual representations in the absence of visual awareness
P115	Anne Sommerfeld	Priming of color and categorical information is independent from prime visibility in crowding



Poster Session 2 15:00-16:30, Friday. Hall 4

Perceptual consciousness

- | | | |
|------|-----------------|--|
| P116 | Roy Moyal | Reexamining the effects of structure and context on visual detection performance during continuous flash suppression |
| P117 | Hsin-I Liao | Sensing frisson by material sounds |
| P118 | Anna Anzulewicz | Shades of awareness: do attentional processes modify gradualness of visibility? |
| P119 | Xue Dong | Spontaneous recovery of effects of contrast adaptation without awareness |
| P120 | Nora Koster | Visual perception is rich: phenomenological evidence from a metacontrast masking paradigm |

Qualia

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| P121 | David L Barack | Experience: a phenomenal challenge |
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Self consciousness

- | | | |
|------|-------------------------|---|
| P122 | Yi Zeng | Brain-inspired robot bodily self model for robot self-recognition |
| P123 | Claudia Passos Ferreira | Do newborns have a sense of agency? |
| P124 | Sara Kimmich | Real time neurofeedback of working memory |
| P125 | Mateusz Woźniak | Self-referential processing of another person's face: EEG study |
| P126 | Yong'an Yang | The origin of self-consciousness |
| P127 | Hengjin Cai | The role of sensitive skin in the development of self-awareness |

States of consciousness

- | | | |
|------|------------|---|
| P128 | Daniel Bor | Awake conscious level dynamics and individual differences in a large meg sample |
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Poster Session 2 15:00-16:30, Friday. Hall 4

Unconscious processes

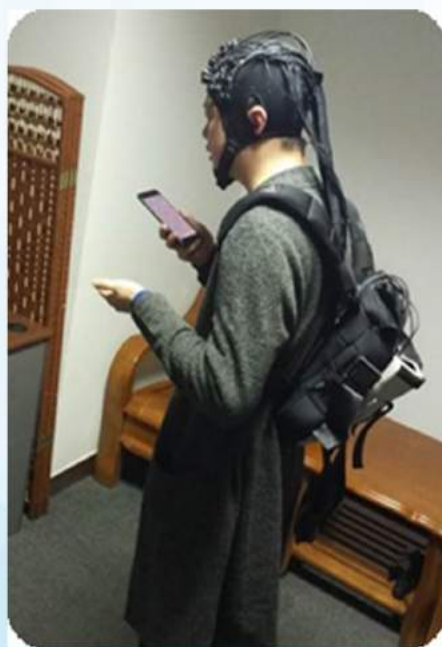
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| P130 | Yang Fei | Effect of subliminal auditory musical stimulation on individual's body, emotion and behavior |
| P131 | Jun Jiang | Fronto-parietal network oscillatory dynamics reveal unconscious emotional conflict control in masked affective priming |
| P132 | Nanbo Wang | Group effect in implicit gaze processing |
| P133 | Jim Parkinson | Impatient to choose: investigating the effects of waiting time on volitional decisions using EEG and machine learning. |
| P134 | Matthew David Weaver | The temporal dynamics of conscious and unconscious processing: an EEG decoding study |
| P135 | Li Wang | Working memory prioritizes non-conscious processing of threatening faces |

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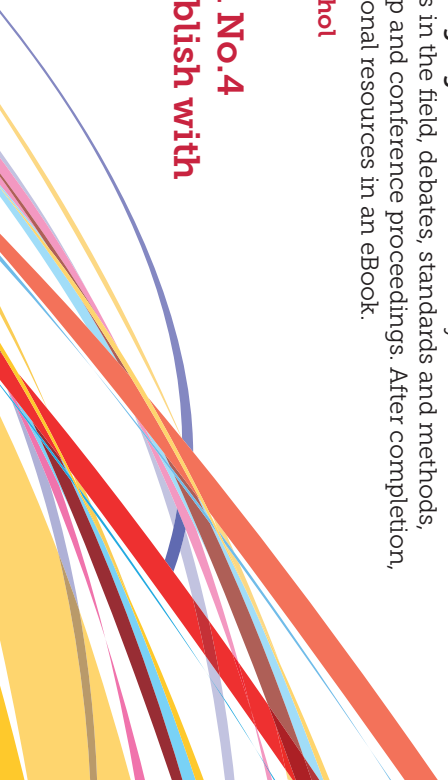
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Yi Zeng	44
Jiaxiang Zhang	30
Jianfeng Zhang	35
Jianxin Zhang	38
Dongxue Zhang	40
Xilei Zhang	40
Xuexin Zhang	42
Chen Zhao	36
Zhao Ke	39
Xiaoyan Zhou	37
Weina Zhu	41

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FOOD & DRINKS

Name	Per Capita Price	Features	Distance from BICC	Location
1. Renmin Gongshe Zhulu Big Canteen	Around ¥51 (\$7.5)	Home cooking	1.1km	Room 201B, Buliding YaYuan No.1, An'hui Beili Residential Quarter
2. Xiaodiao Pear Soup	Around ¥84 (\$12)	Beijing cuisine, dessert	1.4km	Floor B1, Xin'ao Shopping Center, No.9 , Hujing East Road
3. Xibei Youhe Noodles	Around ¥86 (\$13)	Pasta	3.1km	Floor 4, Building No.1,No.8,Beichen East Road
4. Huangmen Hot Pot	Around ¥122 (\$18)	Hot pot, spicy	2.2km	No.231, Huizhongli Residential Quarter, Huizhong North Road
5. Wuyue Kitchen	Around ¥90 (\$18)	Cantonese cuisine	3.0km	Floor H1 Tianhong Department Store, Hujing East Road
6. New Yorker Restaurant	Around ¥116 (\$17)	Self-help salad	1.5km	Floor H2,Xin'ao Shopping Center, No.11, Hujing East Road
7. Sunshine Food Bar	Around ¥97 (\$14)	Western-style meals	390m	No.8, Beichen East Road
8. Pangu Lounge	Around ¥250 (\$35)	Superior quality	2.1km	No. 27 Pangu Seven Star Hotel, North Fourth Ring Road
9. Palm Garden Lounge	Around ¥100 (\$15)	Cost-effective	100m	Inside Beijing Continental Grand Hotel

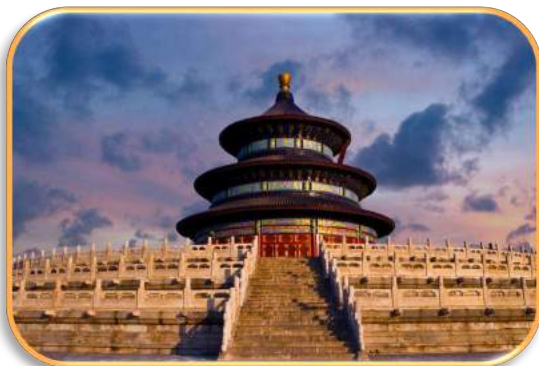
SIGHTSEEING SUGGESTIONS



Palace Museum (the Forbidden City)
故宫

Subway: 1h10min
Line5 (Huixinxijie Beikou-Dongdan) then
Line1 (Dongdan-Tian'an Men Square East)
5号线 (惠新西街北口-东单) 转
1号线 (东单-天安门广场东)

Taxi: 25min



Temple of Heaven 天坛

Subway: 60 min
Line5 (Huixinxijie Beikou
Temple of Heaven East)
5号线 (惠新西街北口-天坛东)

Taxi: 30 min

**The Summer Palace****颐和园****Subway:** 1h10min

Line10 (Anzhen Men-Haidian Huangzhuang) then

-Line4 (Haidian Huangzhuang-Beigongmen)

10号线 (安贞门-海淀黄庄) 转

4号线 (海淀黄庄-北宫门)

Taxi: 30min**The Great Wall (Badaling)****八达岭长城****Subway:** 2h30min

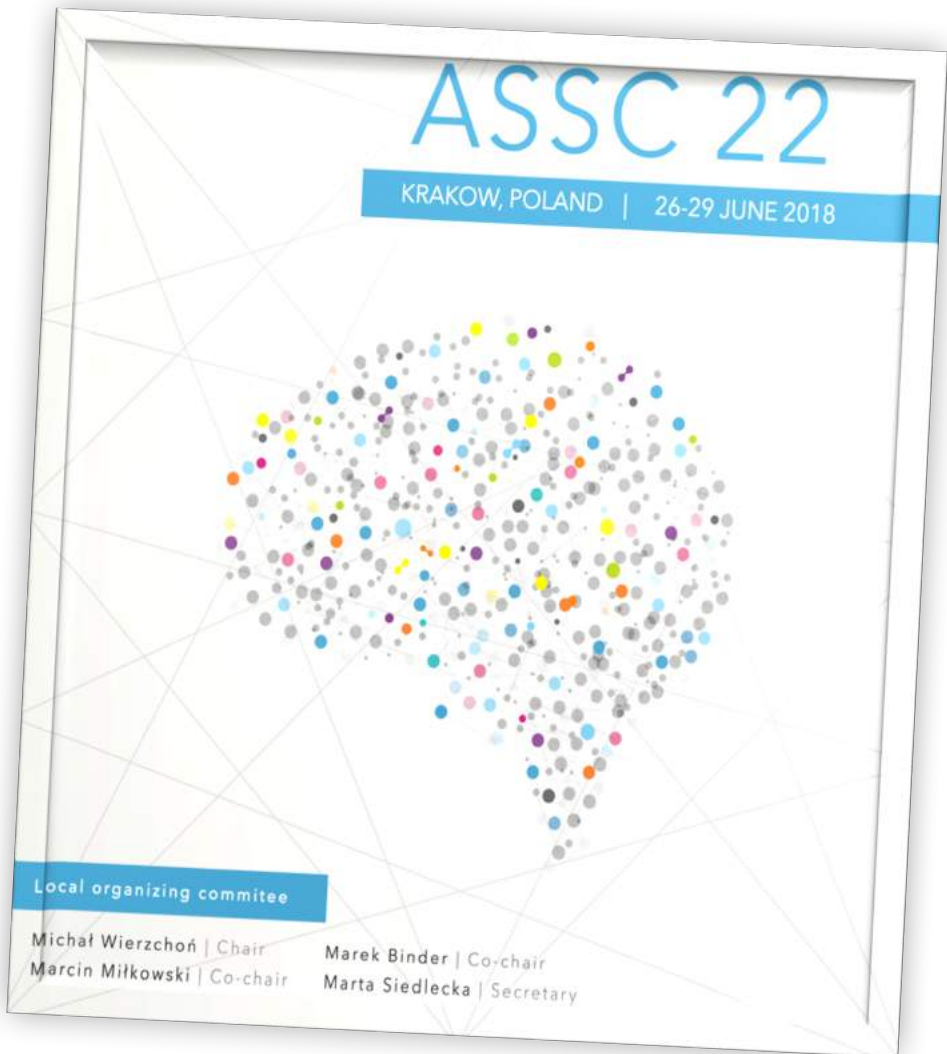
Line8 (Olympic Sports Center-Huoying) then Suburb Line s2 (Huangtudian-Badaling)

10号线 (奥林匹克中心-霍营) 转

市郊铁路S2 (黄土店-八达岭)

Taxi: 60 min

SEE YOU NEXT YEAR



PROGRAM AT A GLANCE

TUESDAY, JUNE 13

9:00	TUTORIALS M2. Why Illusionism The Case for a Progressive Consciousness Research M3. Quantifying metacognition: measures, models and theories M4. The empirical study of altered states of consciousness
12:00	LUNCH BREAK
13:00	TUTORIALS A1. Experimental hypnosis research A2. Bayes evidence for no effect A3. Deep learning A4. Foundations of predictive mind A5. Neuroimaging techniques for consciousness
16:15	WELCOME, JAMES PRIZE Sheng He Jean-Rémi King
17:30	PRESIDENTIAL ADDRESS Catherine Tallon-Baudry
18:30	OPENING NIGHT RECEPTION

WEDNESDAY, JUNE 14

8:30	KEYNOTE 1 Rufin VanRullen
9:30	COFFEE BREAK
10:00	SYMPOSIUM 1 Conscious and unconscious processes in decision-making
12:00	LUNCH BREAK MENTOR LUNCH
13:30	KEYNOTE 2 Adrian Owen
14:30	CONCURRENT SESSION1 CONCURRENT SESSION2 CONCURRENT SESSION3
16:30	COFFEE BREAK
17:00	SYMPOSIUM 2 Timing perceptual awareness: empirical challenges
20:00	STUDENT SOCIAL MARCO POLO HOTEL

THURSDAY, JUNE 15

8:30	KEYNOTE 3 David Leopold
9:30	COFFEE BREAK
10:00	SYMPOSIUM 3 Creating consciousness on demand: how the imagination creates visual consciousness
12:00	LUNCH BREAK POSTERS ON DISPLAY CARRER PANELLUNCH
13:30	KEYNOTE 4 Mu-ming Poo
14:30	POSTER SESSION 1 COFFEE BREAK
16:00	CONCURRENT SESSION4 CONCURRENT SESSION5 CONCURRENT SESSION6
18:20	TRANSPORTING TO LAOSHE TEA HOUSE
19:50	CONFERENCE DINNER LAOSHE TEA-HOUSE

FRIDAY, JUNE 16

8:30	KEYNOTE 5 Joëlle Proust
9:30	COFFEE BREAK
10:00	SYMPOSIUM 4 Feelings of space? Somatosensory spatial perception and neuropsychology of bodily awareness*
12:00	LUNCH BREAK POSTERS ON DISPLAY
13:00	CONCURRENT SESSION7 CONCURRENT SESSION8 CONCURRENT SESSION9
15:00	POSTER SESSION 2 COFFEE BREAK
16:30	SYMPOSIUM 5 Interceptive Inference: From Bodily Signals to Conscious Experience
18:30	CLOSING REMARKS
20:00	AFTER PARTY HOU-PA