

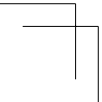
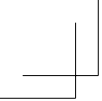
2019

IBRO/ICPBR Summer School on Primate Neurobiology



July 7th to July 14th, 2019
320 Yue Yang Road, Shanghai





2019 IBRO/ICPBR Summer School on Primate Neurobiology

Date: July 7 th to July 14 th , 2019			
Venue:	Lecture Hall A405, Biological Research Building, 320 Yue Yang Road, Shanghai 200031		
Cosponsor:	International Brain Research Organization International Center for Primate Brain Research Institute of Neuroscience, Chinese Academy of Sciences State Key Laboratory of Neuroscience CAS Key Laboratory of Primate Neurobiology 		
Sunday, July 7 th , 2019			
Students Accommodations:	Hope Hotel, 500 Zhao Jia Bang Road, Shanghai 200031, China		
Students Registration:	Hope Hotel Lobby, 13:30-20:00		
Monday, July 8 th , 2019			
 Time	 Lecturer	 Affiliation	 Title
08:30-08:35	Muming Poo	Institute of Neuroscience, CAS	Opening remark
08:35-08:40	Keiji Tanaka	RIKEN Center for Brain Science; IBRO	Opening remark
08:40-10:10	Henry Kennedy	Stem Cell and Brain Research Institute	Mapping information flow in cortical networks
10:10-10:30	Break		
10:30-12:00	Keiji Tanaka	RIKEN Center for Brain Science	Cognitive functions in the prefrontal cortex
12:00-13:30	Lunch boxes, Room A1007, Biological Research Building		

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13:30-14:30	Karen Rommelfanger	Emory University	Neuroethics Lecture
	Sung-Jin Jeong	Korea Brain Research Institute	
14:30-15:00	Break		
15:00-16:30	Karen Rommelfanger	Emory University	Neuroethics Case Study
	Sung-Jin Jeong	Korea Brain Research Institute	
18:00-20:00	Pizza night		
Tuesday, July 9 th , 2019			
 Time	 Lecturer	 Affiliation	 Title
08:30-10:00	Nikos Logothetis	Max Planck Institute for Biological Cybernetics	Object vision and visual awareness
10:00-10:30	Break		
10:30-12:00	Wu Li	Beijing Normal University	Perceptual learning: experience-dependent changes in visual processing
12:00-13:30	Lunch boxes, Room A1007, Biological Research Building		
13:30-15:00	Chengyu Li	Institute of Neuroscience, CAS	Neural circuits for learning and memory
15:00-15:30	Break		
15:30-17:30	Tutorial in the laboratories		
17:30-19:00	Dinner, Buffet at the Hope Hotel		
19:00-20:00	Oxana Eschenko	Max Planck Institute for Biological Cybernetics	Temporal dynamics of the Locus Coeruleus involvement in learning and memory consolidation
20:00-21:00	Zhen Liu	Institute of Neuroscience, CAS	A brief introduction of gene-modified monkey generation technology

Wednesday, July 10 th , 2019			
 Time	 Lecturer	 Affiliation	 Title
08:30-10:00	Dora Angelaki	New York University	<i>Multisensory Integration</i>
10:00-10:30	Break		
10:30-12:00	Richard Andersen	California Institute of Technology	<i>Brain-machine interfaces: translating non-human primate research toward clinical applications</i>
12:00-13:30	Lunch boxes, Room A1007, Biological Research Building		
13:30-15:00	Andrew Parker	University of Oxford	<i>Binocular depth perception</i>
15:00-15:30	Break		
15:30-17:30	Tutorial, Room A1007, Biological Research Building <i>Ian Andolina, Is the predictive brain a useful theory in systems neuroscience?</i>		
17:30-19:00	Dinner, Buffet at the Hope Hotel		
19:00-20:00	He Cui	Institute of Neuroscience, CAS	<i>Dynamic sensorimotor control and brain-machine interface</i>
20:00-21:00	Tianming Yang	Institute of Neuroscience, CAS	Value computation in the prefrontal cortex during decision making
Thursday, July 11 th , 2019			
 Time	 Lecturer	 Affiliation	 Title
08:30-10:00	Anthony Movshon	New York University	<i>Brain mechanisms of visual form perception</i>
10:00-10:30	Break		
10:30-12:00	Xiaoqin Wang	Johns Hopkins University Tsinghua University	<i>Neural mechanisms for auditory and vocal processing in the primate brain</i>

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12:00-13:30	Lunch boxes, Room A1007, Biological Research Building		
13:30-20:00	Social event and dinner		
Friday, July 12 th , 2019			
 Time	 Lecturer	 Affiliation	 Title
08:30-10:00	Zheng Wang	Institute of Neuroscience, CAS	<i>Comparative MRI-based brain connectomics across primate species</i>
10:00-10:30	Break		
10:30-12:00	Ranulfo Romo	National Autonomous University of Mexico & El Colegio Nacional	<i>The primate somatosensory system as a model for studying brain cognitive functions</i>
12:00-13:30	Lunch boxes, Room A1007, Biological Research Building		
13:30-15:00	Robert Desimone	Massachusetts Institute of Technology	<i>Rhythmic sampling in visual processing and attention</i>
15:00-15:30	Break		
15:30-17:30	Tutorial in the laboratories		
17:30-19:00	Dinner, Buffet at the Hope Hotel		
19:00-20:00	Liping Wang	Institute of Neuroscience, CAS	<i>Statistical inference of body representation in the macaque brain</i>
20:00-21:00	Le Chang	Institute of Neuroscience, CAS	Neural mechanisms underlying face recognition in the primate brain
Saturday, July 13 th , 2019			
 Time	 Lecturer	 Affiliation	 Title
08:30-10:00	Bill Newsome	Stanford University	<i>Neural mechanisms of decision making in primate cortex</i>
10:00-10:30	Break		

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10:30-12:00	Hagai Bergman	Hebrew University	<i>What we have learnt from the MPTP treated monkeys? - Computational physiology of the basal ganglia, Parkinson's disease and DBS</i>
12:00-13:30	Lunch boxes, Room A1007, Biological Research Building		
13:30-15:00	Tadashi Isa	Kyoto University	<i>Dexterous motor control in primates, circuits and recovery after injury</i>
15:00-15:30	Break		
15:30-17:30	Tutorial, Room A1007, Biological Research Building <i>Xiaoxing Zhang, Hands on with ephys data analysis (MATLAB)</i>		
17:30-19:00	Dinner, Buffet at the Hope Hotel		
19:00-20:00	Wei Wang	Institute of Neuroscience, CAS	<i>How does cortex integrate from local into global along the visual hierarchy</i>
20:00-21:00	Yong Gu	Institute of Neuroscience, CAS	Multisensory integration and decision making
Sunday, July 14 th , 2019			
 Time	 Lecturer	 Affiliation	 Title
08:30-10:00	Colin Blakemore	City University of Hong Kong University of London University of Oxford	<i>The past, the present and (perhaps) the future of primate neuroscience</i>
10:00-10:30	Break		
10:30-12:00	Roberto Caminiti	University of Rome SAPIENZA	<i>Neural circuits for motor cognition</i>
12:00-13:30	Lunch boxes, Room A1007, Biological Research Building		
13:30-15:00	Muming Poo	Institute of Neuroscience, CAS	Neural plasticity: from synapse to cognition

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Lecturers

No	Name	Position	Affiliation	Email address
1	Richard Andersen	Professor	California Institute of Technology, USA	andersen@vis.caltech.edu
2	Dora Angelaki	Professor	New York University, USA	da93@nyu.edu
3	Hagai Bergman	Professor	Hebrew University, ISRAEL	hagaibe@ekmd.huji.ac.il
4	Colin Blakemore	Professor	University of London, UK	Colin.Blakemore@sas.ac.uk
5	Roberto Caminiti	Professor	University of Rome SAPIENZA, ITALY	roberto.caminiti@uniroma1.it
6	Le Chang	Investigator	Institute of Neuroscience, Chinese Academy of Sciences, CHINA	lechang@ion.ac.cn
7	He Cui	Investigator	Institute of Neuroscience, Chinese Academy of Sciences, CHINA	cuihe@ion.ac.cn
8	Robert Desimone	Professor	Massachusetts Institute of Technology, USA	desimone@mit.edu
9	Oxana Eschenko	Group Leader	Max Planck Institute for Biological Cybernetics, GERMANY	oxana.eschenko@tuebingen.mpg.de
10	Yong Gu	Investigator	Institute of Neuroscience, Chinese Academy of Sciences, CHINA	guyong@ion.ac.cn
11	Tadashi Isa	Professor	Kyoto University, JAPAN	isa.tadashi.7u@kyoto-u.ac.jp
12	Sung-Jin Jeong	Principal Researcher	Korea Brain Research Institute, KOREA	sjeong@kbri.re.kr
13	Henry Kennedy	Professor	Stem Cell and Brain Research Institute, FRANCE	henry.kennedy@inserm.fr

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14	Chengyu Li	Senior Investigator	Institute of Neuroscience, Chinese Academy of Sciences, CHINA	tonylicy@ion.ac.cn
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18	Anthony Movshon	Professor	New York University, USA	movshon@nyu.edu
19	Bill Newsome	Professor	Stanford University School of Medicine, USA	bnewsome@stanford.edu
20	Andrew Parker	Professor	University of Oxford, UK	andrew.parker@dpag.ox.ac.uk
21	Muming Poo	Senior Investigator	Institute of Neuroscience, Chinese Academy of Sciences, CHINA	mpoo@ion.ac.cn
22	Karen Rommelfanger	Assistant Professor	Emory University, USA	krommel@emory.edu
23	Ranulfo Romo	Professor	National Autonomous University of Mexico, MEXICO	rromo@ifc.unam.mx
24	Keiji Tanaka	Professor	RIKEN Center for Brain Science, JAPAN	keiji@riken.jp
25	Xiaoqin Wang	Professor	Tsinghua University, CHINA	xiaoqin.wang@jhu.edu
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27	Wei Wang	Senior Investigator	Institute of Neuroscience, Chinese Academy of Sciences, CHINA	w.wang@ion.ac.cn
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29	Tianming Yang	Investigator	Institute of Neuroscience, Chinese Academy of Sciences, CHINA	tyang@ion.ac.cn

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Students list

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6	Chenjie Shen	Zhejiang University, CHINA	shenchenjiex@126.com
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12	Qimeng Wang	Vanderbilt University, USA	qimeng.wang@vanderbilt.edu
13	Jiafei Li	University of Washington, USA	amanda8000@hotmail.com
14	Luiz Henrique Santana	University of São Paulo, BRAZIL	santana.lhc@outlook.com
15	Haiyan Jiang	Sungkyunkwan University, KOREA	bbyong67@gmail.com
16	John Thomas	National Brain Research Centre, INDIA	johnvadakel@gmail.com
17	Vikas Pareek	National Brain Research Centre, INDIA	vikaspareek@nbrc.ac.in
18	Natalia de Menezes Lyra e Silva	Queen's University, CANADA	natalialyra@gmail.com
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24	Zijun Wan	Zhejiang University, CHINA	11715005@zju.edu.cn
25	Ahmed Eljack	Alneelain University, SUDAN	ahmed.adel3119@gmail.com
26	Danielle Beckman	California National Primate Research Center, UC Davis, USA	dbeckman@ucdavis.edu
27	Siying Xiang	Shanghai Jiao Tong University, CHINA	xiangsiying@sjtu.edu.cn
28	Xiao Yu	Shanghai Jiao Tong University, CHINA	xiao.yu_2018@sjtu.edu.cn
29	Daylin Gongora	University of Electronic Science and Technology, CHINA	daylin.gongora@gmail.com
30	Shahaboddin Zarei	Shiraz University of Medical Sciences, IRAN	sh.zarei18@gmail.com

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Staff

(Institute of Neuroscience, CAS)

No	Name	Responsibility	Email address
1	Yixi Gu	School secretary	guyixi@ion.ac.cn
2	Chengjun Zhao	School secretary	cjzhao@ion.ac.cn
3	Ian Andolina	Tutorial Teacher	i.andolina@ion.ac.cn
4	Xiaoxing Zhang	Tutorial Teacher	zhangxiaoxing@ion.ac.cn
5	Zhiwei Wang	Teaching Assistant and Volunteer	zwwang@ion.ac.cn
6	Da Li	Teaching Assistant	dli@ion.ac.cn
7	Hangyu Si	Volunteer	hsi@ion.ac.cn
8	Wen Fang	Teaching Assistant	biodipus_f@163.com
9	Yue Wang	Volunteer	yuewang@ion.ac.cn
10	Zhewei Zhang	Teaching Assistant	zwzhang@ion.ac.cn
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12	Zhe Han	Teaching Assistant and Volunteer	zhan@ion.ac.cn
13	Jiapeng Yin	Teaching Assistant and Volunteer	jpyin@ion.ac.cn
14	Bingyu Liu	Teaching Assistant	byliu@ion.ac.cn
15	Yichuan Bao	Volunteer	ycbao@ion.ac.cn
16	Mengna Yao	Teaching Assistant	mnyao@ion.ac.cn
17	Dongyuan Li	Volunteer	dyli@ion.ac.cn
18	Tianwei Wang	Teaching Assistant and Volunteer	twwang@ion.ac.cn

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(at a glance)

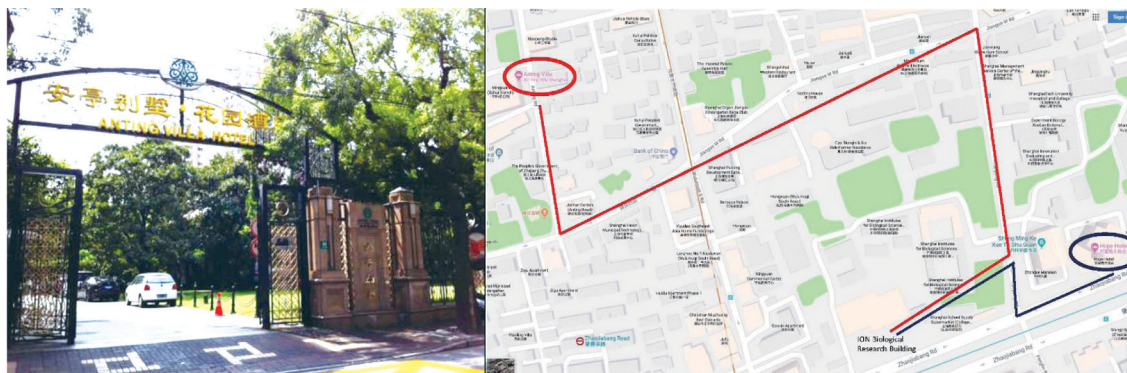
	July 8, MON	July 9, TUE	July 10, WED	July 11, THU	July 12, FRI	July 13, SAT	July 14, SUN	
8:30-10:00	Henry Kennedy	Nikos Logothetis	Dora Angelaki	Anthony Movshon	Zheng Wang	Bill Newsome	Colin Blakemore	
10:00-10:30	Break							
10:30-12:00	Keiji Tanaka	Wu Li	Richard Andersen	Xiaoqin Wang	Ranulfo Romo	Hagai Bergman	Roberto Caminiti	
12:00-13:30	Lunch							
13:30-15:00	Neuroethics Lecture & Case study	Chengyu Li	Andrew Parker	Social Event		Robert Desimone	Tadashi Isa	Muming Poo
15:00-15:30		Break				Break		
15:30-17:30		Tutorial Labs		Tutorial Ian Andolina	Tutorial Labs		Tutorial Xiaoxing Zhang	
17:30-19:00	Dinner							
19:00-20:00	Social Event	Oxana Eschenko	He Cui		LipingWang	Wei Wang		
20:00-21:00		Zhen Liu	Tianming Yang		Le Chang	Yong Gu		

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Accommodations for Lecturers

Anting Villa Hotel (安亭别墅花园酒店)

46 Anting Road, Xuhui, Shanghai 200031 (上海市徐汇区安亭路 46 号)



Accommodations for Students

Hope Hotel (好望角大饭店)

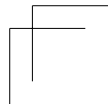
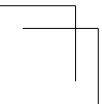
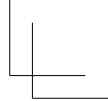
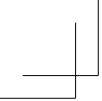
500 Zhao Jia Bang Road, Xuhui, Shanghai 200031 (上海市徐汇区肇嘉浜路 500 号)



Transportations from Shanghai Pudong Airport to Hope Hotel

By taxi: The legal taxi will be outside the airport and you have to wait in line, pay attention not to get in the car introduced by other people. The regular cost is less than 200 CNY

By Metro Line: Line 2 (Pudong Airport Station to Century Avenue Station), change to Line 9 (Century Avenue Station to Zhao Jia Bang Road Station), Exit 2. Cost 7 CNY





Cosponsor:

International Brain Research Organization
International Center for Primate Brain Research
Institute of Neuroscience, Chinese Academy of Sciences
State Key Laboratory of Neuroscience
CAS Key Laboratory of Primate Neurobiology