



Program Update: February 26, 2017

THE SCIENCE OF CONSCIOUSNESS

June 5-10, 2017

**Shanghai New International Expo Centre
Shanghai CHINA**

Co-hosted and organized by:

Crystal Globe, Shanghai CHINA

Center for Consciousness Studies, University of Arizona, Tucson AZ USA

Consciousness defines our existence, but its scientific nature remains unknown. How does the brain produce consciousness, and how does consciousness causally affect brain processes? Is consciousness equivalent to computation? What are the best empirical theories, and do we have free will? How and when did consciousness evolve, or has it been present in the universe all along? What are the origins of moral and aesthetic values, and how can mental and cognitive function be optimized? Can consciousness persist after bodily death, e.g. through 'uploading' to machines, or via mental processes tied to the structure of reality? How can consciousness be beneficially altered by non-invasive technologies? These and other relevant questions are approached through many disciplines including brain science, philosophy, physics, cosmology, the arts and contemplative practices.

'The Science of Consciousness' ('TSC') is the world's largest and longest-running interdisciplinary conference on all aspects of the nature of conscious awareness, feelings and existence. TSC began in 1994 at the University of Arizona in Tucson, Arizona, and returns to Tucson in even-numbered years, alternating with TSC conferences around the globe (Italy, Denmark, Japan, Hungary, Hong Kong, Sweden, Czech Republic, India and, most recently, Helsinki, Finland in 2015). Now, co-hosted by Crystal Globe Cultural Centre, Shanghai, China, and the Center for Consciousness Studies at the University of Arizona, the 24th annual TSC will be held from June 5-10, 2017 at The Shanghai New International Expo Center (www.sniec.net), Pudong, Shanghai, China.

The conference will consist of Plenary talk sessions, Concurrent talk sessions, Posters, Technology, Art and Health Exhibits, Social Events, Entertainment, Pre-Plenary Workshops and Satellite Excursions. In addition to posted Plenary Speakers, 350 submitted abstracts are being evaluated for Concurrent Talks, Posters, Demos and Workshops. The full program will be posted soon. For information, registration and abstract submission see www.consciousness.arizona.edu

TSC 2017 PROGRAM OUTLINE

'Pre-Plenary' Workshops are Monday June 5 and Tuesday morning June 6, and are included in Conference Registration.

The TSC Opening Ceremony and Plenary Program begin Tuesday afternoon, June 6 at 2:00 PM

Monday June 5, 2017

Pre-Plenary Workshops

Session 1

9 am to 1 pm

1. [DEI East-West Forum 1](#)
2. Artificial Intelligence (AI) and Machine Consciousness

3. Consciousness and the Arts

Session 2

2 pm to 6 pm

1. DEI East-West Forum 2
2. Brain Stimulation/Consciousness Technology
3. Creativity and Non-Computability in Man and Machines

Monday Evening Special Program

8 pm to 10 pm

1. Memory and Creativity Demos and Competition
2. Consciousness Musical Review

10 pm to midnight

1. 'Club Consciousness'

Tuesday, June 6, 2017

Pre-Plenary Workshops

Session 3

9 am to 1 pm

1. Language and Consciousness
2. Deepak Chopra - 'The enlightened brain'
3. Current Topics in Philosophy of Mind
4. David Bohm Centennial
5. Quantum Brain Biology

PLENARY PROGRAM

Tuesday June 6, 2017

1:45 to 2:15 pm - Opening Ceremony

Plenary Session 1

2:15 to 4:55 pm

AI / Can Machines Be Conscious?

[Sir Roger Penrose, University of Oxford](#)

[John Searle, University of California, Berkeley](#)

[Ben Goetzal, OpenCog, Hong Kong](#)

[James Tagg, Truphone](#)

5:00 to 10 pm

Technology, Art, Health Exhibits, Demos, Posters Memory and Creativity Competition

5:30 to 7:35 pm

Concurrent Talk Sessions 1-8

7:30 to 10:00 pm

Opening Reception and Party - Light Dinner

10:00 to midnight - 'Club Consciousness'

Wednesday June 7, 2017

Plenary Session 2

8:30 to 10:40 am

Consciousness and Asian Philosophy

[Xu Yingjin, Fudan University](#)

[Huang Xiang, Fudan University](#)

[Allan Hough, IPMC, National Yang Ming, Taipei City](#)

Plenary Session 3

11:10 am to 12:30 pm

Physics and Consciousness (1): Spin and Memory

[Matthew Fisher, UC Santa Barbara](#)

[Travis Craddock, Nova Southeastern](#)

Plenary Session 4

2:00 to 4:40 pm

Consciousness Technology

[Marom Bikson, City College of the City Univ. of New York](#)

[John J.B. Allen, University of Arizona](#)

[Michael Rohan, McLean Hospital, Harvard Medical School](#)

[Zhai Zhengming](#)

5:00 pm to 10 pm

Technology, Art, Health Exhibits, Demos and Posters, Memory and Creativity Competition

5:30 to 7:35 pm

Concurrent Talk Sessions 9-16

10:00 pm to Midnight

'Club Consciousness'

Thursday June 8, 2017

Plenary Session 5

8:30 to 10:40 am

Language and Consciousness (1)

[Noam Chomsky, MIT \(remote by video\)](#)

[Ted Gibson, MIT](#)

[Thomas Bever, University of Arizona](#)

Plenary Session 6

11:10 am to 12:30 pm

Language and Consciousness (2)

[Evelina Fedorenko, Harvard Medical School](#)

[Nai Ding, Zhejiang University](#)

Plenary Session 7

2:00 to 4:40 pm

Idealism and Panpsychism

[David Chalmers, New York University](#)

[Deepak Chopra, The Chopra Foundation, UC San Diego](#)

[Galen Strawson, University of Texas at Austin](#)

[Daniel Stoljar, Australian National University](#)

6:00 to 10:00 Conference Dinner Banquet (optional)

10:00 to Midnight, Club Consciousness

Friday June 9, 2017

Plenary Session 8

8:30 - 10:40 am

Consciousness and the Brain

[Nicholas Humphrey, London School of Economics](#)

[George Northoff, University of Ottawa](#)

[Zhang Hong Xun, Chinese Academy of Science, Beijing](#)

Plenary Session 9

11:10 am to 12:30 pm

Consciousness and Physics (2) Memristors in the Brain?

[Leon Chua, University of California, Berkeley](#)

[Jack Tuszynski, University of Alberta](#)

Plenary Session 10

2:00 to 4:40 pm

Theories of Consciousness

[Tang Xiaowei, Zhejiang University](#)

[Jerome Busemeyer, Indiana University](#)

[Robert Lawrence Kuhn, Creator/Host, 'Closer to Truth'](#)

[Stuart Hameroff, University of Arizona](#)

5:00 to 10 pm

Technology, Art, Health Exhibits, Demos and Posters

Memory and Creativity Competition

5:30 to 7:35 pm

Concurrent Talk Sessions 17-24

10:00 pm to midnight

Consciousness Poetry Slam, Talent Show and Zombie Blues

Saturday June 10, 2017

Plenary 11

9:00 to 11:10 am

Consciousness and Evolution

[Hengwei Li, Zhejiang University](#)

[Hedda Hassel Mørch, New York University; University of Oslo](#)

[Bruce Damer, University of California, Santa Cruz; Biota Institute](#)

Plenary 12

11:40 am to 1:00 pm

East West Dialogue

[Meijuan Lu, Doctor of Traditional Chinese Medicine](#)

[Miri Albahari, University of Western Australia](#)

Plenary 13

2:30 to 5:10 pm

Consciousness and Physics (3) Vibrations and Frequencies

[Jiawei Dai, South-Central Universities for Nationalities](#)

[Erik Viirre, UC San Diego](#)

[Anirban Bandyopadhyay, NIMS/MIT](#)

[Elaine Chew, Queen Mary University of London](#)

Closing Ceremony

5:10 to 5:30pm

8:00 to 9:00 pm

Finals - Memory and Creativity Competitions

9:00 to ?, End-of Consciousness Party

Art Exhibit: Nathalie Delpech & Laurent Lettree

Musical Entertainment: Cuijunzhi, Wu Na, Elaine Chew, Dorian Electra and the Electrodes, QUALIATIK, FEELION

LINKS

Abstract Submissions

Deadline: February 15, 2017. Authors will be notified by February 18th

General TSC Conference Registration & Abstract Submission Link

<https://eagle.sbs.arizona.edu/sc/>

Registration Fees (payment via CG online payment site) **link:** _____

General Conference Registration: \$500

Student Registration: \$250 (ID required)

5 Deluxe Shanghai Buffet Lunches at The Shanghai New International Expo Center: \$329

1 Thursday Evening Banquet: \$ 75

Included in the Registration Fee

The opening reception (light dinner), evening events, snacks, coffee/tea and all pre-plenary workshops

Separate Fees

Lunches, evening banquet and side trips are separate

Please Note: All meal reservations must be made in advance of the conference (daily lunches and Thursday buffet)

No reservations will be accepted on site. Thank you.

Registration Payment Link

An online system will open after February 20th see the TSC website for the appropriate link.

www.consciousness.arizona.edu

Travel Visas

Visas are needed. Please check with your local China Consulate or a

Visa Expedite Company - e.g. <http://cibtvisas.com/>

Travel Visa Letters

We will provide letters of invitation that will be signed and stamped

Send your request to: center@u.arizona.edu

All Conference registrations must be made via the TSC registration website before letters can be processed.

<https://eagle.sbs.arizona.edu/sc/>

The 4 categories that will apply to most attendees are:

General Attendees - will need a **Tourist Visa**

Presenters and Exhibitors – will need a **Non-Business Visa**

Journalists – will need a **Journalist Visa**

The Conference Organizers will provide a Letter of Invitation

Bring this letter to your Visa Expedite Company and fill out an official application

Summary of information to be included in official visa application

Legal Name as it Appears on Passport

Gender

Date of Birth

Status/Position Held (Presenter, Exhibitor, Attendee, Journalist)

Provide Information about the Entity to be visited

Additional Places will visit (Names and Addresses)

Conference Hotel: **e.g., Intercontinental**

Conference Venue: **SNIEC**

Purpose of Trip (**Attending or Presenting TSC Conference or Press**)

General Letters of Invitation will state that attendees are financially responsible for their trip expenses

Crystal Globe letterhead will be **signed/stamped** with full name and contact information in China- including telephone and address

Travelers will need to supply their

- Flight Information
- Arrival and Departure Information
- Method of Travel
- Hotel Reservation Confirmation
- Organizers' Letter of Invitation

Contact center@u.arizona.edu to request your Letter of Invitation

Please give us 3-4 days to prepare your letters.

Nearby Airport

Shanghai Pu Dong

Airport Phone: +86 21 9608 1388

Transportation from Airport
to the Expo Center or Hotel Intercontinental – **information tba**

Venue

The Shanghai New International Expo Center www.sniec.net



The Shanghai New International Expo Center

Add: No.2345 Longyang Road, Pudong New District, Shanghai, China

Phone: +86 21 28906888/28906666

Fax: +86 21 28906777

E-mail: info@sniec.com

http://www.sniec.net/visit_exhibition.php

Hotel

Main Conference Hotel

InterContinental Hotel

Pudong, Shanghai

777 Zhangyang Road

Pudong, Shanghai 200120, China (People's Republic) :

Phone: +86-21-58356666

<https://www.ihg.com/intercontinental/hotels/gb/en/shanghai/shgha/hoteldetail>

Rate: \$150/night

Distance to Expo Center: 15 minute walk

Shuttle Bus: 2-3 minutes (**schedule will be provided**)

Additional Hotel options

MARRIOTT – Courtyard Shanghai-Pudong New Area

838 Dongfang Road/Weifang Road, Pudong, 200122 Shanghai, China

Phone: +86-21-6021 6888

<http://www.marriott.com/hotels/maps/travel/shacy-courtyard-shanghai-pudong/>

Rate: \$160

Includes breakfast

Distance to Expo Center: 10 minute walk

Exhibitors

Booth Opportunities are available.

Options from \$1500

Includes 1 registration

Sponsors

Sponsorship includes:

Full page ad in the Program Journal (Copy by April 10)

1 Booth

Options from: \$3000

Contacts

Shanghai

Crystal Globe Cultural Center

culture@crystalglobe.org

Phone 021-62488071

<http://www.crystalglobe.org/en/index.html>



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