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**The Science of Consciousness April 13-18, 2020**

**Loews Ventana Canyon Resort, Tucson, Arizona**

**First Announcement and Call for Abstracts**

**Conference website: www.consciousness.arizona.edu**

The Science of Consciousness (‘TSC’) is an interdisciplinary conference emphasizing rigorous approaches to all aspects of the study of consciousness and its place in the universe. Topical areas include neuroscience, philosophy, psychology, cognitive science, biology, quantum physics, meditation, altered states, artificial intelligence/machine consciousness, the nature of reality, culture and experiential phenomenology.

Held annually since 1994, the TSC conference is hosted by the Center for Consciousness Studies at the University of Arizona, and alternates yearly between Tucson, Arizona and various international locations, most recently Interlaken, Switzerland in June of 2019, organized by Harald Atmanspacher, ETH Zurich. The next TSC conference will be held April 13-18, 2020 at the Loews Ventana Canyon Resort, a beautiful eco-lodge in the hills above Tucson, Arizona. Tucson TSC conferences generally attract ~ 700 attendees or more, and consist of Keynote, Plenary and Concurrent talks, Posters, Exhibits, Workshops and Social Events.

**Preliminary Plenary Program**

**(Dates, times and additional sessions and speakers to be announced)**

**Keynote**

Edvard Moser (Nobel Laureate), NTNU, Trondheim, Norway

*Space and time in the brain*

**Keynote**

Michael Pollan, UC Berkeley, Harvard, author

*Consciousness and psychedelics*

**Consciousness and Time**

Carlo Rovelli, Aix-Marseilles U 

Dean Buonomano, UCLA

Sylvie Droit-Volet, U Clermont’

**Consciousness, Reality and Illusion**

Don Hoffman, UC Irvine

Keith Frankish, U Sheffield

**Free Will and Consciousness**

Uri Maoz, Chapman U

Walter Sinnott-Armstrong, Duke U

Amir Raz, Chapman U

Eve Isham, U Arizona

**Consciousness and Non-Invasive Brain Modulation**

Alexander Bystritsky, UCLA

Shinzen Young, U Arizona

**Origin of EEG Rhythms**

Paul L Nunez, Tulane

Alysson Muotri, UCSD

Horacio Cantiello, UNSE Argentina

**Debate: Are Plants Conscious?**

Monica Gagliano, U Sydney

Jon Mallatt, Washington State U

**Music, Resonance and Consciousness**

Lawrence Zbikowski,  U Chicago

Selen Atasoy, Oxford

Jonathan Schooler/Tam Hunt, UCSB

**Is the Universe Conscious? Cosmopsychism and Eastern Approaches**

Miri Albahari,U Western Australia

Deepak Chopra, Chopra Global

Philip Goff, Central European University

**Consciousness and Psychedelics**

Dennis McKenna, Heffter Research Institute

Christopher Timmerman-Slater, UCL

Mark Rasenick, UI Chicago

**Quantum AI and Consciousness**

Hartmut Neven, Google Quantum AI

Peter Read, Cortex/Vitruvian Partners

**Additional Plenary Sessions and Pre-Plenary Workshops**

**(April 13 morning and afternoon, and April 14 morning)**

Conscious Vision and Predictive Coding

Time and Consciousness

Language and Consciousness

Quantum Psychopathology

Photons and Entanglement in the Brain

Mathematical Approaches to Consciousness

Consciousness and Education

Evolution and Consciousness

Psychedelics and Consciousness

Quantum Biology

Brain Stimulation

Meditation and Consciousness

Pain, Consciousness and Addiction

Plants and Consciousness

**Online Abstract Submission system – now open**

[**https://eagle.sbs.arizona.edu/sc/**](https://eagle.sbs.arizona.edu/sc/)

**Registration Payment system – opens November 1**

[**https://eagle.sbs.arizona.edu/sc/**](https://eagle.sbs.arizona.edu/sc/)

**Taxonomy**

**Major Categories:**

1:  Philosophy  
2:  Neuroscience  
3:  Cog-Sci/Psychology  
4:  Physics/Biology  
5:  Experiential  
6:  Humanities

**Subthemes:** See conference taxonomy

**Abstract Guidelines**

**Submission Length: 500 words**

Identify your preference for presentation format in the **comments section**.

* Oral Presentation Only
* Poster Presentation Only
* No Preference

**Plenary – Oral Presentation**

* The most highly-ranked peer-reviewed submissions will be accepted and scheduled as oral presentations during Plenary Sessions.

**Concurrent – Oral Presentation** (Tuesday April 14, Wednesday April 15 and Friday April 17, 5pm to 7pm)

* These are 20-minute talks including 5 minutes discussion in concurrent theme-based sessions.
* There are 5 presenters per concurrent session

**Poster Sessions –** Wednesday April 15 and Friday April 17, 7 pm to 10 pm in the Grand Ballroom

(see website for specifications) [www.consciousness.arizona.edu](http://www.consciousness.arizona.edu)

**Workshop Proposals –** please email: [center@email.arizona.edu](mailto:center@email.arizona.edu) Workshops are 4 hour sessions Monday morning April 13, 9 am to 1 pm; Monday afternoon 2 pm to 6 pm; Tuesday morning 9 am to 1 pm. Deadline for proposals is October 15th.

**Social Events (included in Registration):**

* Tuesday Welcome Reception – 7-9 pm
* Wednesday and Friday Poster Receptions 7-9 pm
* Friday evening Poetry Slam – 9pm-12midnight
* Saturday Closing party dinner – 7-11pm
* Daily Meditation with Deepak Chopra – times tba

**Conference Dinner – optional**

* Thursday evening 7-10 pm

**Deadlines:**

October 15 Workshop Proposals Deadline

October 30 Workshop Notifications

December 1 General Conference Abstracts Deadline

December 15 General Conference Abstract Notifications

December 20 Early Registration Deadline

February 15 Final Program and Abstract Revisions

**Registration Fees:**

Standard $550

Students $450

Thurs. Dinner $80

Thursday April 16 afternoon - free time

Loews Hotel offers free shuttles to Sabino Canyon approx. 2 miles from the resort. The Hotel also offers free shuttles to nearby shopping including banks, supermarket, pharmacy, etc. Car Services are available to outdoor plazas including La Encantada, Philipps Plaza, (within 10-15-minute drive) and to the University (approximately 25 minute drive)

**Additional activities to be announced**

**Abstract and Program Books**

provided at the conference for paid attending registrants

**Journal Advertising**

Full page only

**Sponsorships**

**Exhibitor Space**

**For Information Contact:** [**center@email.arizona.edu**](mailto:center@email.arizona.edu)

**2020 Program Committee**

Chair

Stuart Hameroff

Director, Center for Consciousness Studies

University of Arizona, Tucson, AZ

Co-Chairs

Thomas G. Bever

Regent's Professor

Co-Director, Center for Consciousness Studies

University of Arizona, Tucson, AZ

Jay Sanguinetti

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Assistant Director, CCS

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**TSC 2020 Program Advisors**

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Olga Bever, University of Arizona

Alvin J Clark, CCS

Eve Isham, University of Arizona

Lynn Nadel, University of Arizona

Paavo Pylkkanen, University of Helsinki

General Information, Letters of Invitation for Registrants and Press Contact:

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