

Eighteenth Annual Biosemiotics Gathering

University of California, Berkeley

Sunday June 17 - Wednesday June 20, 2018

Saturday, June 16

10:00 – 15:00 **Bike across Golden Gate Bridge**

Meet at Embarcadero Ferry Building, San Francisco

Sunday, June 17

8:30 – 9:30 Registration, Coffee and Snacks

9:30 – 10:00 Intro

10:00 – 10:30 Brier, Søren

It is Peirce all the way down: Why biosemiotics needs a Peircean triadic semiotic pragmaticist process philosophy to be transdisciplinary scientific

10:30 – 11:00 Kull, Kalevi

The first qualisigns: Steps towards the biosemiotic solution of the hard problem

11:00 – 11:30 Coffee

11:30 – 12:00 Favareau, Don

Creation of the relevant next: How living systems capture the power of the adjacent possible through sign use

12:00-12:30 Lackova, Ludmila & Krbec, Jaroslav

Triadic conception of relations: Peircean proteomics

12:30 – 1:30 Lunch

1:30 – 2:00 Zhou, Liqian

Biosemiotics as a new paradigm for biology: A rational reconstruction of the history of biosemiotics

2:00 – 2:30 Sherman, Jeremy

The elusive evaded interpreting organism

2:30 – 3:00 Andrews, Mel

Sourcing the semantic: Biosemiosis and the origins of the self-determining subject

3:00 – 3:30 Bacigalupi, Joshua Augustus

Grounding semiosis in a physical medium, a higher-dimensional superposed constraint terrain

3:30 – 4:00 Coffee

4:00 – 4:30 Nahas, Auguste

How ought emerged from is the co-origination of normativity and life

4:30 – 5:00 Deacon, Terrence

How can a molecule become about relationships between other molecules?

5:00 – 5:30 Cardenas Garcia, Jaime

Homeostasis, the reflex arc, information and distributed cognition

5:30 – 6:00 Castro Garcia, Óscar

Sentience and perception without representation: The case of slime molds

6:00 – 7:30 Welcome Reception at the International House

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Monday, June 18

9:00 – 10:30 Curriculum Panel

Johnson, Mark William; Rodriguez-Archinegas, Svetlana, and Kirlinis, Maria *To what extent are humans like cells and vice-versa? Reconsidering biosemiotic theory in the context of education*

Brier, Søren *Cybersemiotics as a tool for transdisciplinary philosophy of science teaching*

Cobley, Paul *The fate of meaning: channeling one's inner biosemiotician*

Favarareau, Don *Not that there's anything wrong with plumbing*

Anderson, Myrdene *Biosemiotic interventions in curricula and pedagogies*

Steckner, Cornelius *Urban environment as a source: An introduction to civilizational biosemiotics*

Ireland, Tim *Design for galactic life on earth*

Maran, Timo and Kull, Kalevi *How can we teach biosemiotic disciplines?*

Schumann, John *Nonphysical symbolic phenomena: Epistemological issues*

Yu, Hongbing *Teaching biosemiotics to students of the humanities: A bittersweet experience*

Tønnesson, Morten *Biosemiotic readings in a Norwegian philosophy of science MA course*

10:30 – 11:00 Poster Session + Coffee

Cardenas, Marisol *Embodied metaphor: ethnography of the imagination toward a ritual aesthetic of the childhood memory*

Pliago, Susana *Construction of memory in the biosemiotic system*

Scalia, Jeremiah *The body/tongue analogue: Mimesis, body plasticity and the evolution of language in biosemiotic perspective*

11:00 – 11:30 Chebanov, Sergey

Steps towards the semiotic awareness of biology: Biosemiotics replacing the role of synthetic theory of evolution

11:30 – 12:00 Stampfl, Barry

Abduction, anxiety and trauma in Sebeok's "The Semiotic Self" and Kohn's "How Forests Think"

12:00–12:30 Bondi, Antonino

Between biological, semiotic and symbolic life: Plasticity, intelligence and habits

12:30 – 1:00 Nomura, Naoki

Retro-causal scaffolding of e-series time: How does time flow in living systems?

1:00–2:00 Lunch

2:00 – 2:30 Harries-Jones, Peter

Diminishing dualism in a world of difference

2:30 – 3:00 Guddemi, Phillip

Octopus communication informs the Cuban Missile Crisis – Gregory Bateson in 1962 in the prehistory of biosemiotics

3:00 – 3:30 Lent, Jeremy

"The Tao in one's own nature": The congruence of Asian wisdom traditions and cognitive neuroscience in identifying the source and implications of human uniqueness

3:30 – 4:00 Coffee

4:00 – 4:30 Kurismaa, Andres

Basic neural anticipation: The problem of afferent synthesis

4:30 – 5:00 Kandamkulthy, Jijo

Neural plasticity and trans-modal arbitrariness of signs

5:00 – 5:30 Bennett, Tyler

Terrence Deacon's cognitive penumbra and Charles Peirce's late classification of signs

5:30 – 6:00 Nielsen, Henrik

The bioinformatics and biosemiotics of protein sorting

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6:00 – 6:30 Collier, John

What makes genes signs?

6:30 – 7:00 Poster Session

Leon, Salvador *A visual neurobiology approach to the semiotics of art and design*

Nováková, Lucie *Semiosis in the heart of nature – the eidetic biology of Zdeněk Neubauer*

7:00 – 9:30 Movie Night

Symbiotic Earth: How Lynn Margulis Rocked the Boat and Started a Scientific Revolution

Tuesday, June 19

9:00 – 10:00 Food Panel

Hope, Jonathan *(Bio)semiotics of food: Producing, preparing and consuming food beyond an anthropocentric frame of reference*

Alexander, Toni *Eating and incorporation, from symbiogenesis to society*

Pantoine, Pierre-Louis *Semiosis and the sugar civilization*

10:00 – 10:30 Hendlin, Yogi

Supernormal stimuli and human (d)evolution: A study in the architecture of akrasia

10:00 – 11:00 Poster Session + Coffee

Ness, Sally *The semiotics of acupoint biophoton emissions testing: Signs of luminescence, signs of pathology, signs of logic*

Valencia-Gonzalez, José *Biosemiotical sensoperceptual mnemonics in the semiosphere of an ancient sacred dance at Mexico*

Squillace, Caterina *Dialogue and communication in biosemiotics: the Italian contribution*

11:00 – 11:30 Pike, Hamish

Understanding the role of function in protein evolution using a novel semiotic model

11:30 – 12:00 Feiten, Elmo

From umwelt to me(n)tabolism: Re-mapping the mind-body problem within endo-/exo-perspectivism

12:00-12:30 Ostdiek, Gerald

Can truth and love prevail? A biosemiotic solution to the problem of meaning

12:30 – 1:00 Sharpless, Ike

Grasping at the elephant, toward an interspecies eudaimonism: Naturalist epistemic humility and the nature of animal agency

1:00–2:00 Lunch

2:00 – 2:30 Delahaye, Pauline

Zoosemiotics of emotions: A new model and its applications

2:30 – 3:00 Jaros, Filip

Interactions of humans and chimpanzees in laboratory environments

3:00 – 3:30 Johnson, Mark

Do cells sing to each other?

3:30 – 4:00 Coffee

4:00 – 4:30 Ireland, Timothy & Garnier, Simon

A biology-architecture spanning review of “space” and “information”

4:30 – 5:00 McLaren, Glenn

Health, biofields, and semiotic corruption

5:00 – 5:30 Buttlar, Jann

Metastasis of pancreatic ductal adenocarcinoma – convention and fraternization between cancer cells and others

5:30 – 6:00 Deyneka, Evelina

Extended synthesis paradigms in biology, neurophysiology and artificial intelligence

6:00 – 7:30 Journal of Biosemiotics Meeting

7:30 – 8:30 International Society for Biosemiotic Studies Meeting

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9:00 – 9:30 Hoffmeyer, Jesper

Meaning and biosemiotics

9:30 – 10:00 Stjernfeldt, Frederik

Co-localization as the ur-syntax of biological propositions

10:00–10:30 Epperson, Michael; Zafiris, Elias; Kauffman, Stuart; Eastman, Timothy

Quantum origins of ontic emergence

10:30 – 11:00 Coffee

11:00 – 11:30 Slayton, Mathew

An evolutionary-cognitive model of musical meaning

11:30 – 12:00 Bunnell, Pille

Language; the Dawning, the Light, and the Dark: Part 1, the Dawning

12:00-12:30 Velmezova, Ekaterina

On the prehistory of the Tartu School of Biosemiotics: A connection with the humanities

12:30 – 1:00 Choate, Austin

Iconic: A semiotic approach to addressing language deficiencies resulting from ASD

1:00– 2:00 Lunch

2:00 – 2:30 Kravchenko, Alexander

The epistemological underside of the code metaphor in biosemiotics

2:30–3:00 Goldberg, Gary

Biosemiotics, two naturalisms and the divided vertebrate cerebrum: It's about time and triadicity

3:00 – 3:30 Rackzaszek–Leonardi, Joanna & Deacon, Terrence

The symbol un-grounding problem in language acquisition

3:30 – 4:00 Coffee

4:00 – 4:30 Marais, Kobus

Incomplete culture: Translation as biosemiotic work

4:30 – 5:00 Rodriguez, Claudio

How much can we actually say about evolutionary scales in biosemiotics?

5:00 – 5:30 Calic, Aleksandra

Epigenetics and tooth grinding: From hyper-narrativity to hyper-function

5:30 – 6:00 Tønnessen, Morten

The search image as link between sensation, perception and action

6:30 – 9:00 Dinner at UC Berkeley Faculty Club

Thursday, June 21

11am – 6:30pm meet at I-House Café Napa Valley Winery Tour