



 **NEURO-SALON**  
**NEURO-HUMANITIES**  
ENTANGLEMENT  
CONFERENCE

GEORGIA INSTITUTE OF TECHNOLOGY  
APRIL 11 - 13, 2012

# GEORGIA TECH NEURO-SALON + NEURO-HUMANITIES ENTANGLEMENT CONFERENCE

*Continuing the Salon tradition at Georgia Tech, this event highlights encounters among cognitive science, neuroscience, biological sciences, and engineering with the humanities, social sciences, and the arts.*

Emerging research in the brain sciences has set into motion fundamental questions relating to social, political, aesthetic, and scientific discoveries. This is an exciting research moment because it opens the opportunity for crafting theoretical and practical convergences between major issues that have long bedeviled the Liberal Arts with those arising in the Neurosciences. For example: what does it take to persuade—to move people from one position to another, or to get them to care about an event that never before stirred their interest? The old rhetorical and sociological conundrum of how one spurs a critical mass of people to alter their vision of themselves as individuals is now entangled with neural circuitry, empathetic processing, and legal disputes over conscious actions. Cognition, in short, has been brought into the heart of everyday life. Such new and unusual types of cross-disciplinary engagement offer a bold opportunity to rethink our educational programs and institutions in light of major research initiatives held in common.

~ Barbara Maria Stafford

Distinguished University Visiting Professor,  
Georgia Tech

# NEURO-SALON: CONSIDER ATTENTION

## WEDNESDAY, APRIL 11

### Opening Night Launch for the Neuro-Salon

7:00 pm to 9:30 pm

Stubbins Studio Gallery, second floor, East Architecture Building

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|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:00 pm | Music Performance by the band <i>Qurios</i><br>Catherine Quesenberry & Mike Netland                                                                                                                                                                   |
| 7:30 pm | Opening Remarks:<br>Barbara Maria Stafford, Distinguished University Visiting<br>Professor, Georgia Tech<br>Alan Balfour, Dean, College of Architecture<br><br>Reading from the novel, <i>The Tantalus Letters</i><br>by Laura Otis, Emory University |
| 7:45 pm | <i>This Shared Dream</i> : A reading from a novel<br>about Neuroplasticity, Memory, and Time<br>by Kathleen Ann Goonan, writer and<br>Georgia Tech Visiting Professor                                                                                 |
| 8:00 pm | Tour of Neuro-Salon (artists will be present for Q&A)                                                                                                                                                                                                 |
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### Projects on Display at the Neuro-Salon:

*Animapping* - Ali Mazalek, Claudia Rebola, Paul Clifton, Scott Hoag, Andy Wu,  
Jason Clark, Chelsea McClinton, Sarah Nelson, Vivek Sangubhotla

*Hippocampal Memory* - Audrius Plioplys

*Crystal Palace- Emergent Formations* - Daniel Baerlecken, Gernot Riether,  
Aaron Coffman, Almir Divanovic, Daniel Dixon, Emilio Hernandez,  
Azzam Issa, Cole Loomis

*Julie* - David Bashwiner

*Incline* - Frederick Pearsall & Matthew Swarts

*A Fraction Away from Understanding - Aude Sapere* - Harris Dimitropoulos

*Vibrating Glove* - Jun Ueda

*A Camera Obscura Installation* - James Murray, Patrick Di Rito, and  
Shota Vashakmadze

*Consider Attention* - Sonit Bafna

# NEURO-HUMANITIES ENTANGLEMENT CONFERENCE

**THURSDAY, APRIL 12**

TSRB Auditorium 125 (Technology Square Research Building)

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- 9:00 am      **Opening Remarks:** Jacqueline Jones Royster (Dean, Ivan Allen College of Liberal Arts), Kenneth J. Knoespel (Director, Ivan Allen Institute for Advanced Studies), Barbara Maria Stafford (Distinguished University Visiting Professor, Georgia Tech)
- 9:30 am      **Introduction:** Carol Colatrella (Georgia Tech School of Literature, Communication, and Culture)
- “How Religions Engage our Mental Machinery”**  
Robert McCauley (Director, Emory University Center for Mind, Brain, and Culture)
- 10:15 am      **BREAK**
- 10:30 am      **“Clinical Models of Spirituality: Their Perils and Promise”**  
Ann Benvenuti (Zygon Center for Religion and Science) and Elizabeth Davenport (University of Chicago)
- 11:15 am      **DISCUSSION OF MORNING PAPERS**
- 12:00 pm      **LUNCH BREAK AND BOOK SIGNING**  
**Book signing at Barnes & Noble @ Georgia Tech Bookstore**  
48 5th Street NW, Atlanta, GA 30308
- 1:00 pm      **Panel: “Memory in Psychology, Literature and Art”**  
Lisa Yaszek, Laura Otis, Patricia Bauer, Audrius Plioplys, and commentary by Noëlle Batt (L’Universite Paris VIII)
- 2:00 pm      **Introduction:** Jason Freeman (Georgia Tech School of Music and Center for Music Technology)
- “Neural Loci of Sensory Illusions: How We Interpret Art and Music,”** Ari Rosenberg (Washington University Medical Center, St. Louis)
- “Musical Manipulation in Film: A Theory of Mechanism”**  
David Bashwiner (University of New Mexico, Albuquerque)

[ SCHEDULE CONTINUES ON NEXT PAGE ]

DISCUSSION AND BREAK

- 4:00 pm      **“An Illustrated Conversation: Visual Thinking in Autism, Art, and Creativity,”** Ashok Goel, Maithilee Kunda, Keith McGregor, Agata Rozga (Georgia Tech), Terri Dilling (Atlanta Printmakers Studio), Steve Everett (Emory University)
- 5:00 pm      **Visit to Center for Advanced Brain Imaging (CABI)**  
831 Marietta Street, Atlanta, GA  
(transportation to CABI provided by shuttle)
- Tour and talk by Interim CABI Director Dr. Randall W. Engle**  
(Head of the Attention & Memory Lab)

BREAK BEFORE DINNER

- 7:30 pm      **Conference Dinner at Chow Baby (by invitation only)**  
1016 Howell Mill Rd, Suite A, Atlanta, GA 30318

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FRIDAY, APRIL 13

TSRB Auditorium 125 (Technology Square Research Building)

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- 9:30 am      **Introduction:** Kathleen Goonan (writer and Georgia Tech Visiting Professor)
- “Cognitive Creative Work of Psychedelic Visions”**  
Frank Echenhofer (California Institute of Integral Studies)

BREAK

- 11:00 am      **Introduction:** Michael Nitsche (Georgia Tech School of Literature, Communication, and Culture)
- Lecture and Mise-en-scène: “Cognition and Agency in Stéphane Mallarmé’s Staging of the Book”**  
Anna Arnar (Minnesota State University Moorhead)
- Discussion: “Mallarme and the Capabilities of the Book”**  
Yves Abrioux (Professor of English Literature, L’Universite Paris VIII)

- 12:00 pm

**LUNCH BREAK AND BOOK SIGNING**

Book signing at Barnes & Noble @ Georgia Tech Bookstore  
48 5th Street NW, Atlanta, GA 30308
- 1:00 pm

**Introduction:** George Johnston, AIA (Chair, Georgia Tech School of Architecture)

**“Theory and Design in the Age of Biology: A New Foundation for Architectural Theory?”**  
Harry F. Mallgrave (Illinois Institute of Technology)

**“Neuroinstitutionalism: Some Cross-Disciplinary Frameworks for the Study of Social Organization”**  
Phillip J. Ethington (University of Southern California)

**DISCUSSION**

- 2:30 pm

**Panel: “Order from Chaos? Design Principles from Self Assembly”**

Martha Grover, Constantine Dovrolis, John Peponis, and Loren Williams

**BREAK**

- 4:00 pm

**Introduction:** Shriradha Sengupta (Georgia Tech)

**“The Crowdsourced Self: Digital Data Storage and Human Memory”**  
John Hunter and Joseph Tranquillo (Bucknell University)

**Closing Remarks & Discussion**  
Moderator: Barbara Maria Stafford
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# ACKNOWLEDGEMENTS

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Alan Balfour  
Dean, College of Architecture

George Johnston  
Chair, School of Architecture

Faraz Kamili  
Georgia Institute of Technology

Kenneth J. Knoespel  
McEver Professor of Engineering and Liberal Arts,  
Ivan Allen College of Liberal Arts

Marc Merlin  
The Atlanta Science Tavern

John Peponis  
Associate Chair, School of Architecture

Jacqueline Jones Royster  
Dean, Ivan Allen College of Liberal Arts

Denise Smith  
Associate Dean and Academic Director for Liberal Arts,  
SCAD Atlanta

The Center for Mind, Brain, and Culture  
Emory University

The Georgia Tech College of Architecture

The Ivan Allen Institute for Advanced Studies

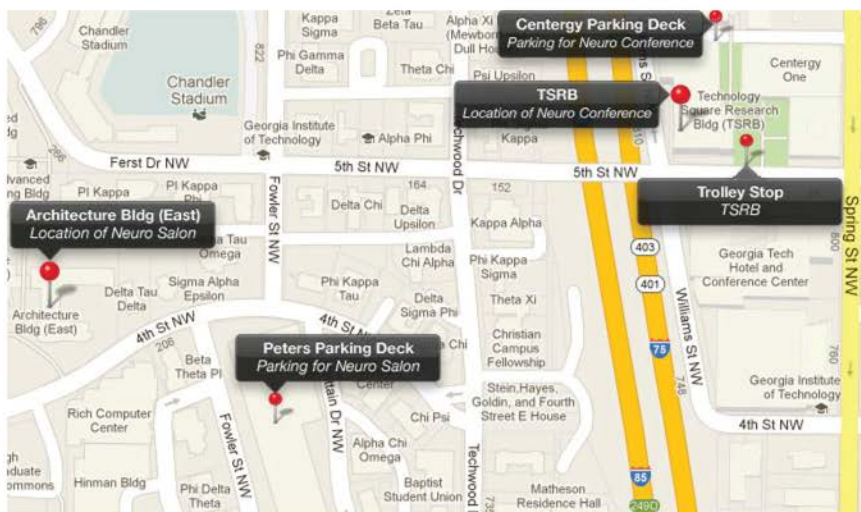
*Program designed by Lauren Langley*

## CONFERENCE INFORMATION

**Both Events are free and open to the Public. No registration required.**

For information regarding the Neuro-Salon and the Neuro-Humanities Entanglement Conference, please check for updates on our link: [www.coa.gatech.edu/event/georgia-tech-neuro-humanities-entanglement-conference-and-neuro-salon](http://www.coa.gatech.edu/event/georgia-tech-neuro-humanities-entanglement-conference-and-neuro-salon)

For additional inquiries, contact the Organizer, Dr. Barbara Maria Stafford: [barbara.stafford@lcc.gatech.edu](mailto:barbara.stafford@lcc.gatech.edu)



For questions about directions, contact Faraz Kamili: (404) 386-8811

### HOTEL

**Georgia Tech Hampton Inn**  
244 North Avenue NW  
Atlanta, GA 30313  
(404) 881-0881

### SALON LOCATION

**East Architecture Building**  
245 Fourth Street NW  
Atlanta, GA 30332  
Parking for the Salon is in the lower level of Peters Parking Deck (open after 5pm) at Fourth and Fowler Streets, one block from the East Architecture Building.

### CONFERENCE LOCATION

**Technology Square Research Building (TSRB)**  
85 Fifth Street NW  
Atlanta, GA 30332  
Parking for the conference is Centergy Parking Deck (\$2 per hour or \$12 per day)

### CONFERENCE DINNER

**Chow Baby**  
1016 Howell Mill Rd, Suite A  
Atlanta, GA 30318  
(transportation by hotel shuttle, taxi, or driving)

### TOUR LOCATION

**Center for Advanced Brain Imaging (CABI)**  
831 Marietta Street  
Atlanta, GA 30318  
(transportation to CABI provided by shuttle)