

“What Does Implicit Cognition Tell Us About Consciousness?”

June 13-16, 1997

The Claremont Graduate School
and The Claremont Colleges
are pleased to present

the Sixteenth Annual Claremont Conference on
Applied Cognitive Psychology
and
the First Conference of the
Association for the Scientific
Study of Consciousness

ASSC, founded in 1994, is the first scholarly and scientific membership organization devoted to the study of consciousness and related issues. ASSC promotes research in the fields of cognitive science, neuroscience, philosophy, and other disciplines in the sciences and humanities.

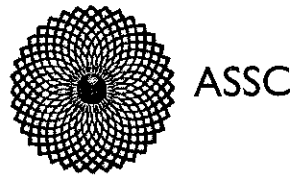
<http://www.phil.vt.edu/assc/>

ASSC has two journals; *Psyche*, published on the internet and *Consciousness and Cognition*, published by Academic Press. For more information see:

Psyche; <http://psyche.cs.monash.edu.au>

Consciousness and Cognition; <http://www.idealibrary.com/>

and <http://www.europe.idealibrary.com/>



ASSC



CLAREMONT MCKENNA COLLEGE



HARVEY MUDD
COLLEGE

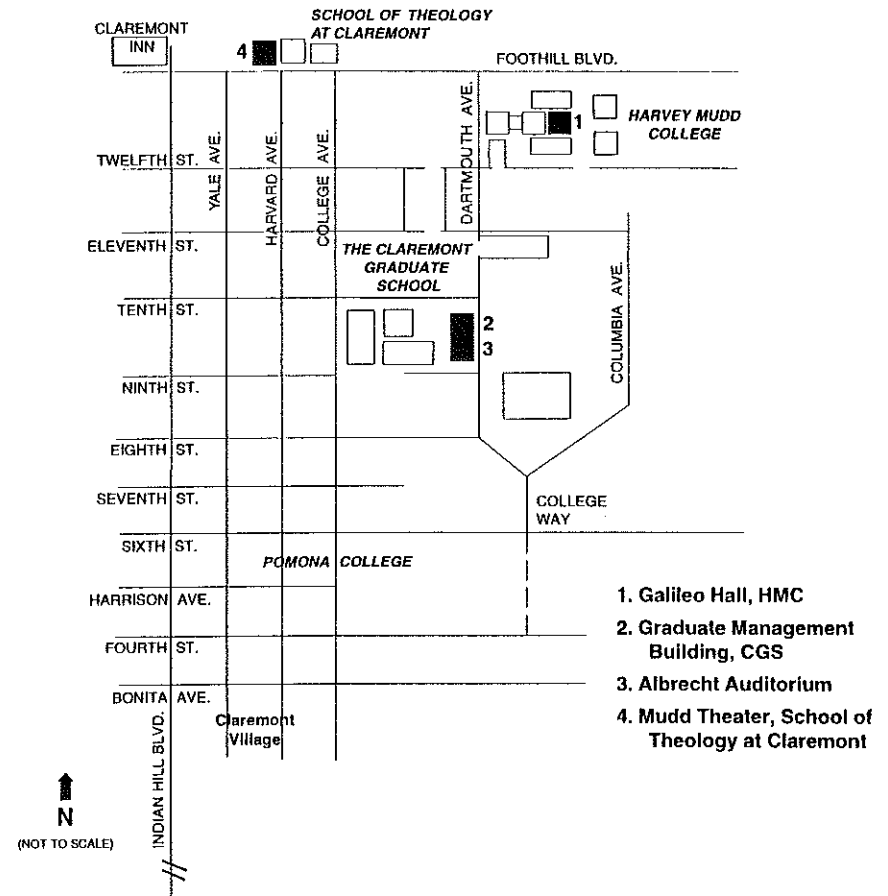


POMONA
COLLEGE



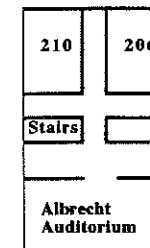
SCRIPPS
THE WOMEN'S COLLEGE
CLAREMONT

CONFERENCE LOCATIONS

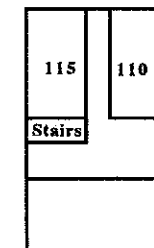


GRADUATE MANAGEMENT BUILDING, CGS

Tenth Street



Ground Floor



Basement Floor

Saturday, June 14

Plenary Talks, Galileo Hall Harvey Mudd College

7:30-8:30 a.m.
Reception
Registration desk open.
All meals must be ordered at this time.

8:30-9:30 a.m.
"What Experimental Studies of Perception Without Awareness Reveal About Conscious vs. Unconscious Cognition"
Philip Merikle
Meredyth Daneman
University of Waterloo

9:30-10:30 a.m.
"Accessibility Bias: Measuring Unconscious Influences"
Larry Jacoby
McMaster University

15 minute break

10:45-11:45 a.m.
"Consciousness as a Gatekeeper for Memory"
John Gabrieli
Stanford University

11:45 a.m.-12:45 p.m.
"Explicit and Implicit Memory: A Cognitive Neuroscience Perspective"
Daniel Schacter
Harvard University

1-2 p.m.
Lunch
Box lunch served at Graduate Management Building.
All meals must be ordered at Saturday a.m. registration.

Paper Sessions, Graduate Management Building, The Claremont Graduate School

Session I: Albrecht Auditorium

2 p.m.
"Implicit Processing of Negative Information: Possible Implications for Consciousness"
Douglas John Mansfield
University of Natal

2:30 p.m.
"Detection Analysis of Implicit Memory"
William Banks
Yung-Pin Chen
Pomona College

3 p.m.
"A Two-Dimensional, Signal Detection Approach to Implicit Memory"
Stanley A. Klein
Scott Slotnick
University of California, Berkeley

3:30 p.m.
"Implicit and Explicit Explorations of the Validity of the Remember/Know Recollective Experience Paradigm"
Tony Whetstone, Christine Carson, & Flowers Vance
East Carolina University

Session II: Room 206

2 p.m.
"Implicit Cognition, Self-Representation and the Phenomenal Self"
Pradeep Mutalik
Yale University School of Medicine

2:30 p.m.
"A Dual Processing Theory of Brain and Mind: Where is the Limited Processing Capacity Coming From?"
Danko Nikolic
The University of Oklahoma

3 p.m.
"Self-Deception as Interrupted Inference"
Jean-Pierre Schachter
Huron College

3:30 p.m.
"A Perceptual-Lingual Model of Consciousness"
Richard Stevens
The Open University

Session III: Room 110

2 p.m.
"From 'Not Seeing' to Neural Correlates of Visual Consciousness"
Charles Q. Wu
Tasking Incorporated

2:30 p.m.
"The Fallacy of Functional Exclusion"
Bruce Mangan
University of California, Berkeley

3 p.m.
"Transient Disappearance of Conscious Visual Perception Due To Attention Shift"
Lou Lianggang
University of Hong Kong

3:30 p.m.
"A Window into Pre-Cognitive Limbic System Processing in the Cognitive Generative Learning Process"
Lillian Greeley
Boston University

POSTER PRESENTERS ARE ASKED TO PUT THEIR POSTERS UP BETWEEN 7:30 A.M. AND 1 P.M. IN THE GRADUATE MANAGEMENT BUILDING, ROOM 210.

Symposium, Albrecht Auditorium

4:15-5:45 p.m.
Connections Among Attention, Consciousness, and Implicit Cognition
Chair: Valerie Hardcastle

4:15 p.m.
"Involuntary Attention Mediates Conscious Perception of Conflicting Scenes"
Teng-Leng Ooi
Southern College of Optometry
Zijiang J. He
University of Louisville

4:45 p.m.
"On the Neurocognitive Mechanisms of Visual Awareness"
Antti Revonsuo
University of Turku

5:15 p.m.
"Attention Versus Consciousness: A Distinction with a Difference"
Valerie Hardcastle
Virginia Tech

5:45-6:45 p.m.
Poster session, Graduate Management Building, Room 210
Refreshments

7-8:30 p.m.
Buffet Dinner, Courtyard, Mudd Theater, School of Theology
All meals must be ordered at Saturday a.m. registration.

8 p.m.
Plenary Talk
Mudd Theater, School of Theology
"Implicit Measurement Reveals Unconscious Operation of Prejudices and Stereotypes"
Anthony G. Greenwald
University of Washington
Mahzarin R. Banaji
Yale University

Plenary Talks, Mudd Theater, School of Theology

7:30-8:30 a.m.
Reception
Registration desk open

8:30-9:30 a.m.
"Do Monkeys Have Blindsight?"
Alan Cowey
Oxford University
Petra Stoerig
Ludwig Maximilians University

9:30-10:30 a.m.
"When Vision Is Not Sight: Dissociations Between Perception and Action in the Normal Human Visual System"
Melvyn Goodale
University of Western Ontario

15 minute break

10:45-11:45 a.m.
"Neuronal Correlates of Consciousness"
Christof Koch
California Institute of Technology

12 noon-1 p.m.
Lunch
Box lunch served at Graduate Management Building.
All meals must be ordered at Saturday a.m. registration.

Sunday, June 15

Paper Sessions, Graduate Management Building, The Claremont Graduate School

Session I: Albrecht Auditorium

1 p.m.
"Subliminal Visual Priming"
Moshe Bar & Irving Biederman
University of Southern California

1:30 p.m.
"On the Perceptual Specificity of Memory Representations"
Eyal M. Reingold
Dave M. Stampe
University of Toronto

2 p.m.
"An Implicit Visual System in Normal Humans"
Bruce Bridgeman
University of California, Santa Cruz

15 minute break

2:45 p.m.
"Fleeting Awareness in Metacontrast?"
Joel Lachter
University of Arizona
Frank H. Durgin
Swarthmore College

3:15 p.m.
"A Biologically Derived Neurodynamic Model of Implicit vs. Explicit Cognition"
Walter J. Freeman
University of California, Berkeley

3:45 p.m.
"Consciousness and the Zombie Within: A Functional Analysis of the Blindsight Evidence"
Ullin Thomas Place

Session II: Room 206

1 p.m.
"Representations of Self and Implicit Processes of Self-Understanding"
Marc Borkheim
Clark University

1:30 p.m.
"Pain and Retrograde Amnesia"
James H. Buchanan
The University Of Akron

2 p.m.
"Effects of Mood on Facial Recognition: What is Implicit about Emotion?"
David Haley
San Francisco State University

15 minute break

2:45 p.m.
"Mental Presentation: Qualitative Content as Implicit Content"
Thomas Metzinger
Hanse Institute for Advanced Study

3:15 p.m.
"'Aha!': The Nature of Conscious and Unconscious Processing in Insight Problems"
David P. Westley¹, C. Philip Beaman², & Nicholas LeBoutillier¹
¹Middlesex University; ²UK Medical Research Council Cognitive Development Unit

3:45 p.m.
"Implicit Discrimination Precedes Explicit Pain"
C. Richard Chapman
Yoshio Nakamura

Session III: Room 110

1 p.m.
"Explicit Cognition Through Internal and External Sketchpads"
Erich Harth
Syracuse University

1:30 p.m.
"A Hybrid Approach Toward Understanding Consciousness"
Ron Sun
University of Alabama

2 p.m.
"The Boundary is Self-Organized Between Implicit and Explicit Cognition: A Robot Learning Experiment"
Jun Tani
Sony CSL

15 minute break

2:45 p.m.
"Modeling Priming and Subliminal Perception: A Stability Theory of Awareness"
Michael C. Mozer
Donald W. Mathis
University of Colorado, Boulder

3:15 p.m.
"Is Implicit Learning Preserved in Parkinson's Disease?"
Richard J. Siegert
Victoria University of Wellington

3:45 p.m.
"Explicit and Implicit Memory in Amnesics: Implications for Second Language Acquisition"
Ayse Gurel

Symposium, Galileo Hall Harvey Mudd College

4:30-6 p.m.
Criteria for the Ascription of Consciousness
Chair: David Chalmers

4:30 p.m.
"Phenomenal Consciousness vs. Access Consciousness"
Ned Block
New York University

5 p.m.
"Criteria for Distinguishing Conscious from Unconscious Cognitive Processes"
Phil Merikle
University of Waterloo
Eyal M. Reingold
University of Toronto

5:30 p.m.
"Implicit Philosophy in Implicit Cognition Research"
David Chalmers
University of California, Santa Cruz

6-7 p.m.
Reception, Galileo Hall
Refreshments

7-8:30 p.m.
Dinner, Galileo Hall, Courtyard
All meals must be ordered at Saturday a.m. registration

8:30 p.m.
Plenary Talk
Galileo Hall
"How To Measure Similarity of Implicit Knowledge Across Structurally Diverse Brains"
Paul Churchland
University of California, San Diego

Monday, June 16

**Plenary Talks, Mudd
Theater, School of
Theology**

7:30-8:30 a.m.

Reception

8:30-9:30 a.m.

"All Conscious Events are Explicit,
but Not All Explicit Events are Con-
scious: A Comprehension Criterion
for the Explicit-Implicit Distinction"

Bernard Baars

The Wright Institute

9:30-10:30 a.m.

"Some Uses of Unconscious Vision:
Evidence from Visual Form Agnosia"

David Milner

University of St. Andrews

15 minute break

10:45-12:30 p.m.

Round table discussion
with plenary speakers

1 p.m.

Lunch

Box lunch served at Graduate
Management Building

All meals must be ordered at
Saturday a.m. registration

Paper Sessions, Graduate Management Building, The Claremont Graduate School

Session I: Albrecht Auditorium

2 p.m.

"Categories of Consciousness: Our
Usual Modes of Thought Limit Our
Exploration of Cognition Outside of
Awareness"

Linda A.W. Brakel

University of Michigan

2:30 p.m.

"Unconscious Denied"

Katalin Balog

Rutgers University

3 p.m.

"The Myth of the Cognitive
Unconscious"

Mans Holgersson

Lund University

15 minute break

3:45 p.m.

"Motor Priming in the Absence of
Perceptual Awareness of Both
Stimulus Identity and Location"

Bjorn Held

Unilever Research

4:15 p.m.

"On the Origin of Consciousness:
A Postulate and Its Corollary"

Michel Cabanac

Laval University

Session II: Room 206

2 p.m.

"The Role of Color and Attention
in the Storage and Duration of the
Movement Aftereffect"

William Webster

Monash University

2:30 p.m.

"Blindsight and Commonsense"

William Dibrell

Alfred University

3 p.m.

"Consciousness and Action: Implicit
Learning in 'Visual Search' "

Frank H. Durgin

David A. Lewis

Swarthmore College

15 minute break

3:45 p.m.

"Blindsight and Conscious Perception"

Oliver Kauffmann

University of Copenhagen

Session III: Room 110

2 p.m.

"From Zombies to Star Trek's
Commander Data: How Traditional
Models of Cognition Leave No Room
for the Implicit"

Axel Cleeremans

Universite Libre de Bruxelles

2:30 p.m.

"EEG Alpha Decreases to a Low Concentration
Odor: Sensing Without Perceiving?"

John P. Kline, Gary E. Schwartz, Ernest H.

Polak, Ziya V. Dikman, Patricia L. Gulli,

Lynn A. Myers, & Douglas J. Streibich

University of Arizona

3 p.m.

"What Do Cigarettes and Hypnotists
Have In Common? Temptation as an Altered
State of Consciousness"

Mark D. Chamberlain

Ricks College

15 minute break

3:45 p.m.

"Replicable Inhibition of Unconscious
Perceptions: Evidence for Unconscious Defense"

Michael Snodgrass

Howard Shevrin

University of Michigan

4:15 p.m.

"Where is Capacity Limited? A Role
for Memory"

Anne-Marie Bonnel

CNRS Marseille, France

Join us at 5 p.m for drinks at the Claremont Inn to celebrate the end of the conference.

Workshops

June 13, 1997

All meetings in the Graduate Management Building,
Claremont Graduate School, 10th and Dartmouth

Morning Workshops 9AM-Noon

Room 110

Modeling techniques for measuring conscious
and unconscious memory.

Charles J. Brainerd

Room 210

Phenomenology of non-sensory experience.

Bruce Mangan

Room 206

The consciousness puzzle: Towards a general
theory of the neural correlates of conscious
and unconscious processes.

James Newman

Afternoon Workshops 2:30pm - 5:30pm

Albrecht Auditorium

Functional brain imaging using EEG and MEG (squid).

Irina Gorodnitsky

Room 110

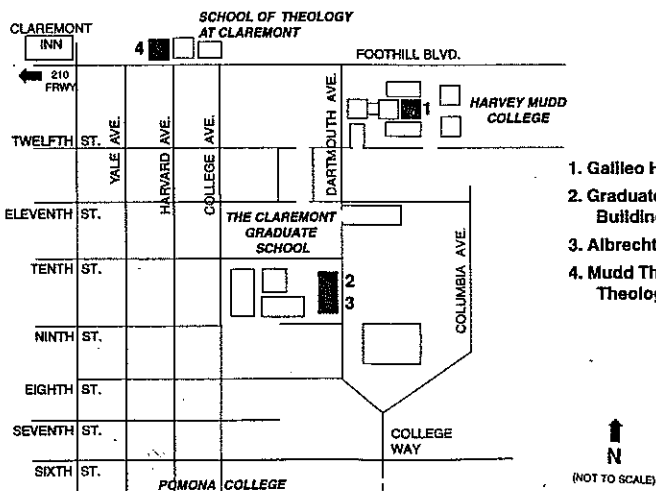
Centrifugal projection and the 'creative loop'.

Eric Harth

Room 210

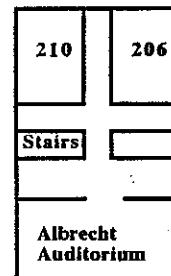
Functional visual neuroscience.

William Webster

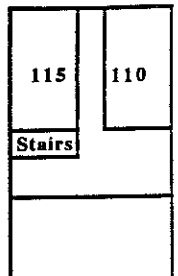


Graduate Management Building

Tenth Street



Ground Floor



Basement Floor