

# Art & Music in the Sixties

**Piero Scaruffi**  
**[www.scaruffi.com/know](http://www.scaruffi.com/know)**

# The Post-war Age

Society in the 1950s: the rebellious spirit

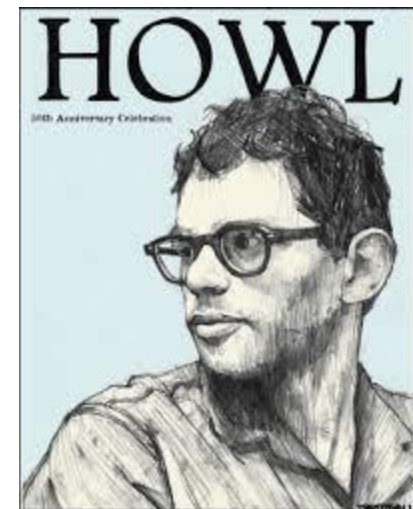
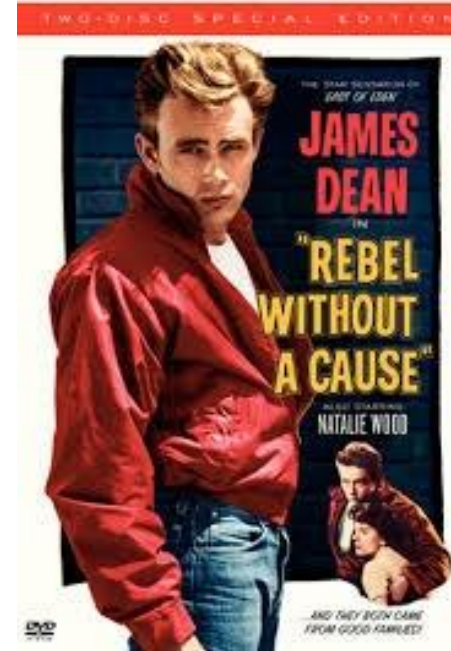
Rock'n'roll

Juvenile delinquents

Folk revival

Beat poetry

Doo-wop



# The Post-war Age

## Painting in the 1950s

Abstract expressionism: the center of mass of modernism shifts from Paris to New York

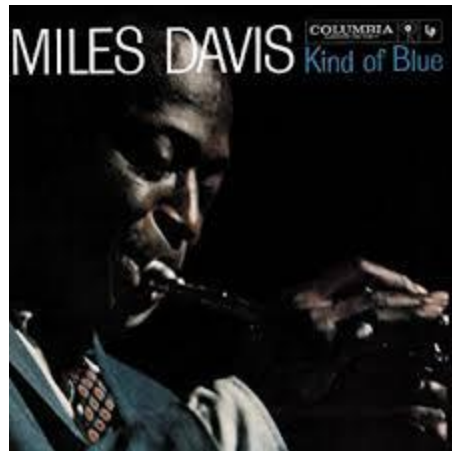


Jackson Pollock:  
“Lavender Mist” (1950)

## Jazz in the 1950s

Miles Davis

Free jazz: New York



“Kind of Blue” (1959)



“Shape of Jazz to Come” (1959)

# The Post-war Age

## Participatory art: the happening

Allan Kaprow: “18 Happenings in 6 Parts”  
(Reuben Gallery in New York, Oct 1959)



“Yard” (1961)



“Eat” (1964)

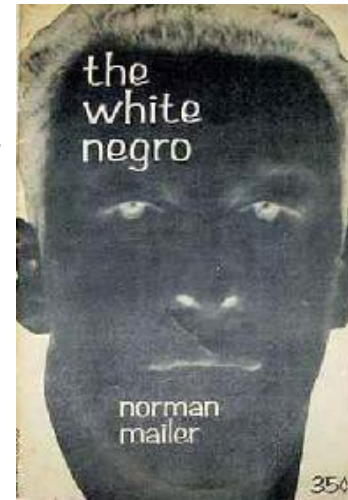
# The Post-war Age

Norman Mailer: **the hipster**, “*the only extreme nonconformist of his generation*” (“The White Negro“, 1957)

Rebel without a cause James Dean

Bebop (Charlie Parker)

Teddy Boys in England



# The Post-war Age

Avantgarde music of the 1950s

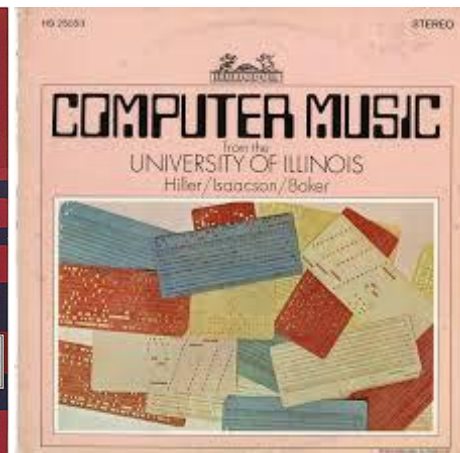
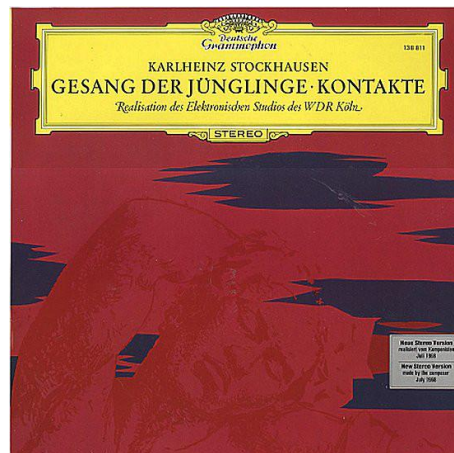
Cage: *Concerto for Prepared Piano* (1951)

Boulez: *Le Marteau Sans Maître* (1954)

Nono: *Canto Sospeso* (1956)

Stockhausen: *Gesang der Junglinge* (1956)

A computer composed the *Illiac Suite* (1957)



# The Post-war Age

Avantgarde music of the 1950s

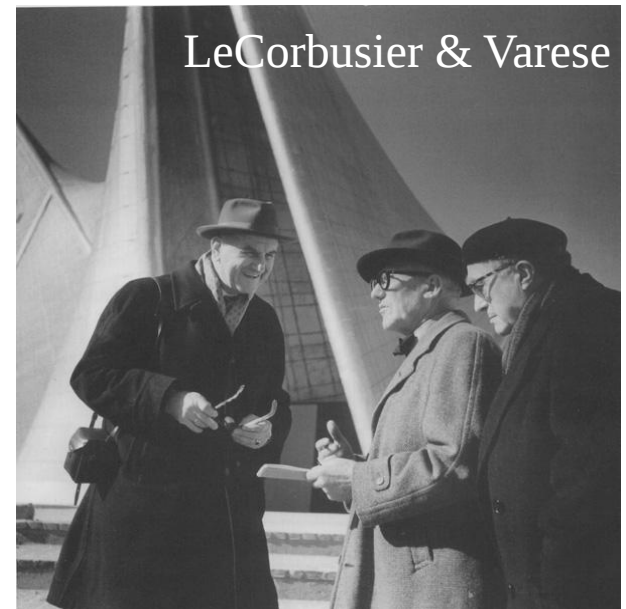
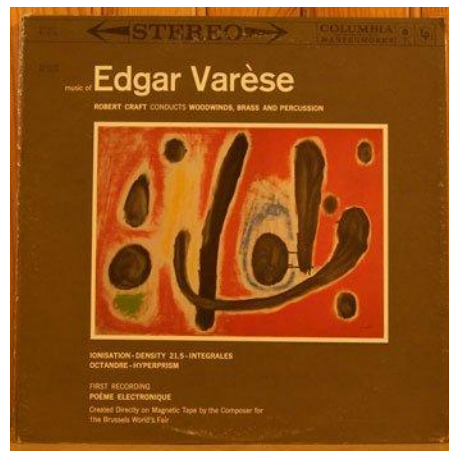
Edgar Varese : *Poeme Electronique* (1958)

Project conceived by architect Le Corbusier

Played in a pavilion through four hundred speakers

Pavilion designed by Iannis Xenakis

Music created at the Philips Lab in Eindhoven



# The Post-war Age

Avantgarde music of the 1950s

Cologne (Stockhausen): electronic music

New York (Cage): music of gestures not only sounds

Paris (Pierre Schaeffer): music of noise



# The Post-war Age

## Literature of the 1950s

Social realism, Absurd, Post-modernism

Pablo Neruda : "*Canto General*" (1950)

Samuel Beckett: "*Waiting for Godot*" (1952)

Italo Calvino: "*Il Barone Rampante*" (1957)



# The Post-war Age

## Technology of the 1950s

1951: The commercial computer

1956: Artificial Intelligence

1958: The integrated circuit

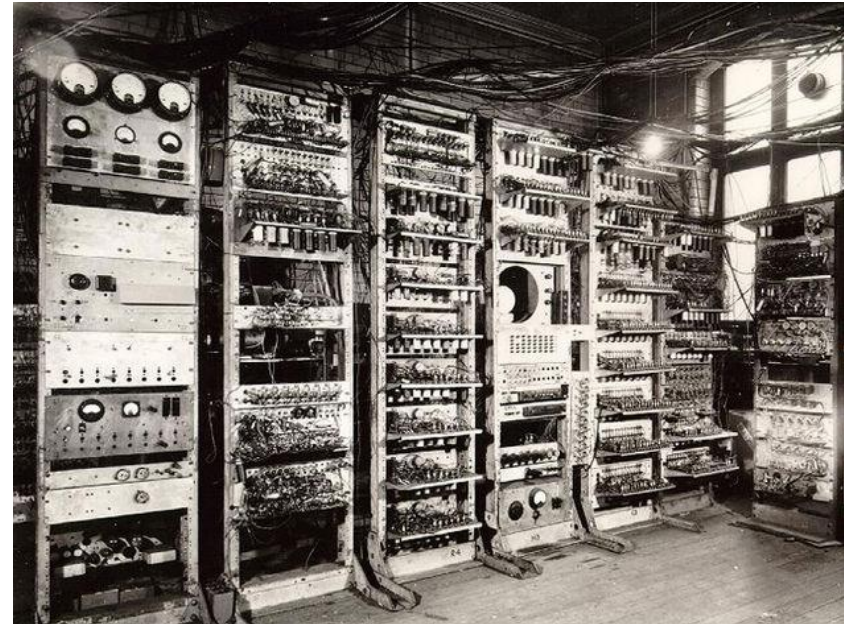
AI Magazine Volume 27 Number 4 (2006) (© AAAI)

## A Proposal for the Dartmouth Summer Research Project on Artificial Intelligence

August 31, 1955



*John McCarthy, Marvin L. Minsky,  
Nathaniel Rochester,  
and Claude E. Shannon*



# The Post-war Age

## Science of the 1950s

1953: The double helix of the DNA (Francis Crick and James Watson)

1953: The first polio vaccine (Jonas Salk)

1957: The Sputnik



Francis Crick James Watson Maurice Wilkins Rosalind Franklin



# The Post-war Age

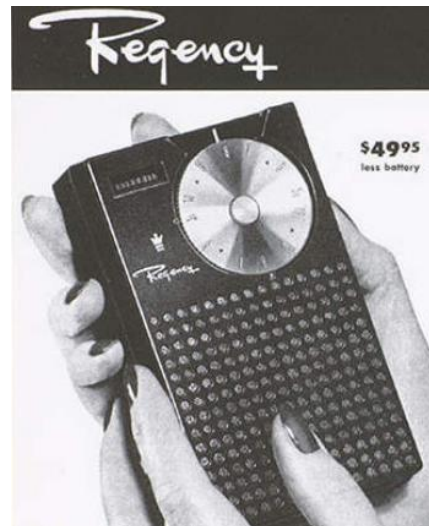
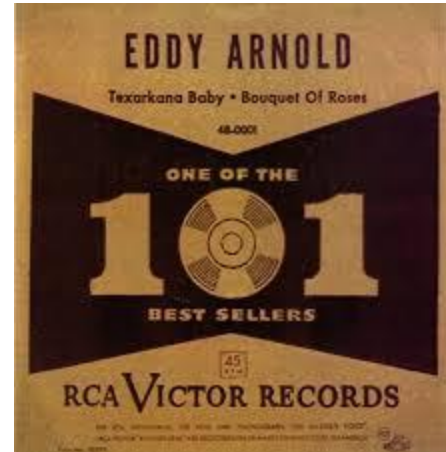
## Technology of the 1950s

1951: The 45 RPM record

1951: The juke-box

1954: The transistor radio

The car radio



# The Space Age

1960: The birth-control pill (one of the first prescriptions for healthy people)



1960: Almost 90% of households owns a tv set

Portables  
Sportables  
Tote-ables



Be a Two TV family ...  
Starting Christmas Morning (1959 Christmas)  
**1960 RCA Sets (USA)**

Best TV on any table ...  
or under any tree



Clock TV  
Table sets  
Consolettes

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Meet RCA Victor's "Thin Twins" - The Perfect Portables - Eldorado Sportable (left), Debonair Tote-able (right)</p>                          |  <p><b>"Flight-Line"</b> Portable TV with built-in "V" antenna, Balanced Fidelity FM sound.<br/>Eldorado, 170-P-03, 108 sq. in. picture, 3 finishes</p>       |  <p>Lowest priced of Sportables! Less than 12" deep, yet has big set picture and sound.<br/>Stylist, 170-P-04, 156 sq. in. picture, 3 finishes</p>  |  <p>Wakes you in the morning, turns itself off after the late movie; carries easily.<br/>Aldright, 170-T-09, 160 sq. in. picture, 2 finishes</p>       |  <p>Value-priced table TV gives 25% brighter picture, greater contrast, extended range sound.<br/>Lane, 210-T-15, 262 sq. in. picture, 4 finishes</p> |  <p>Detachable legs let you convert it from stunning consolette to table TV in seconds.<br/>Aldair, 210-T-19, 262 sq. in. picture, 3 finishes</p>    |
| <p><i>TVhistory.TV</i></p>                                                                                                                                                                                                        |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                          |
|  <p>TV Sportables with remote control that turns picture on, off, changes channels.<br/>Pallas, 170-PB-10, 156 sq. in. picture, 2 finishes</p> |  <p>Built-for-bedrooms Sportables! Optional pillow speaker permits personal listening.<br/>Eldorado-Personal, 170-P-06, 156 sq. in. picture, gold finish</p> |  <p>Totes easily almost anywhere, Has big set performance, slim "Veri-Thin" cabinetry.<br/>Debonair, 170-T-08, 156 sq. in. picture, 4 finishes</p> |  <p>First remote control that turns TV completely off: picture, sound and entire chassis!<br/>Owens, 210-TR-22, 262 sq. in. picture, 3 finishes</p> |  <p>Finest deluxe table TV. Tops for weak signal areas; even fine-tunes itself.<br/>Bestley, 210-DT-57, 262 sq. in. picture, 3 finishes</p>          |  <p>First remote control that turns TV completely off: picture, sound and entire chassis!<br/>Owens, 210-TR-22, 262 sq. in. picture, 3 finishes</p> |

# 1960

Cinema

Federico Fellini



"La Dolce Vita"

# 1960

Cinema

Alfred Hitchcock



"Psycho"

# 1960

## Classical Music



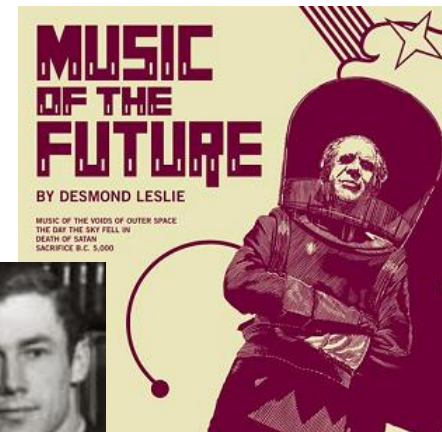
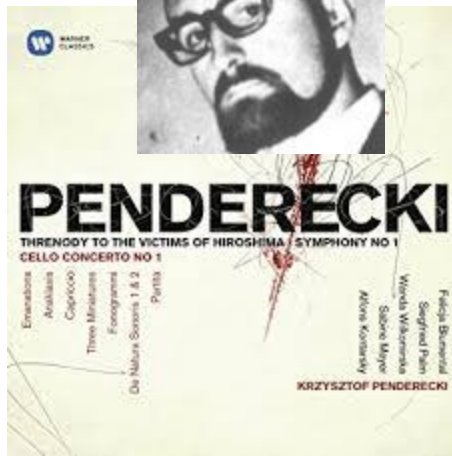
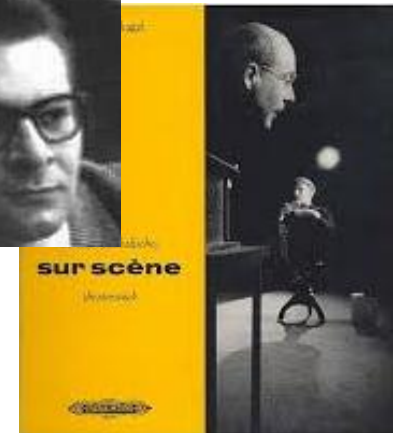
Gyorgy Ligeti: *Apparitions*

Mauricio Kagel: *Sur Scene*

Krzysztof Penderecki: *Threnody to the Victims of Hiroshima*

Iannis Xenakis: *Orient Occident*

Desmond Leslie: *Music of the Future*



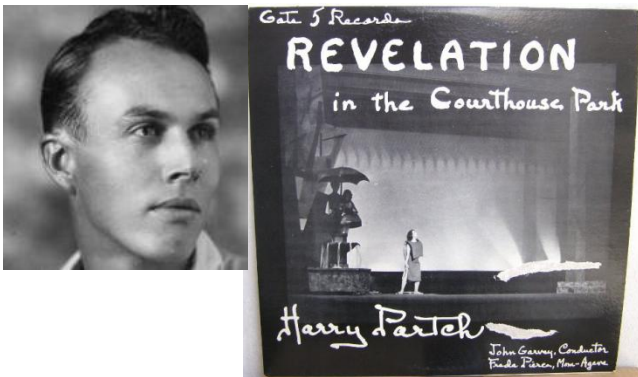
# 1960

## Classical Music



Harry Partch: compositions-happening “*Revelation*”

Morton Feldman: “*Durations*”

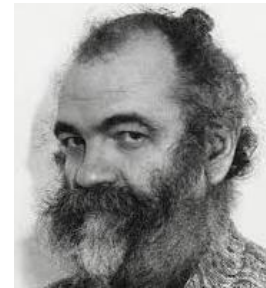


# 1960

## Avantgarde Music



LaMonte Young: music for sustained tones, and music as a living organism



Composition 1960 #10  
to Bob Morris

Draw a straight line  
and follow it.

October 1960

The Theater of Eternal Music (also known as the Dream Syndicate)



Tony Conrad, La Monte Young, Marion Zazeela, and John Cale



Young  
Zazeela  
Tony Conrad  
John Cale  
"Studies in the Bowed Disc" (Pocket Theater, Nov 1964)

Composition 1960 #7



to be held for a long time

LaMonte Young  
July 1960

# 1960

Avantgarde Music



Milton Cohen's Space Theater (Detroit, 1957):  
scores of music, light, poetry and dance - live  
electronics in 1960



# 1960

## Twist



Jackie  
Kennedy



# 1960

## Body Art

Pierre Restany's movement Nouveau Réalisme

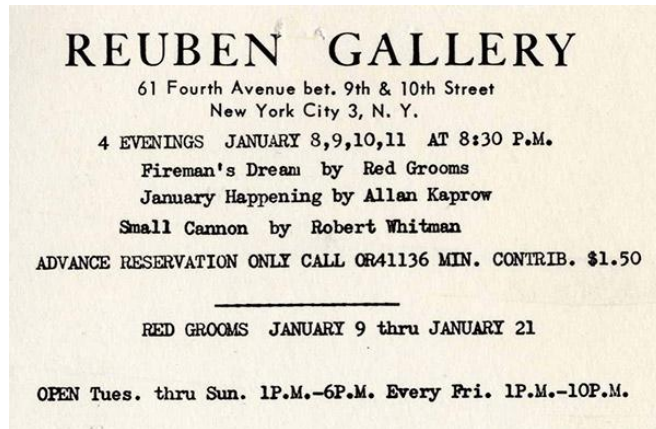
Yves Klein (France)

“Anthropometries of the Blue Period”



# 1960

## “Evening of Happenings” @ Reuben Gallery (Jan 1960)



Jim Dine: “Car Crash 1” (Nov 1960)



Robert Whitman: "American Moon"  
(Nov 1961)

# 1960

Claes Oldenburg & Jim Dine organize the “Ray Gun Spex” happening at the Judson Church (Feb 1960)



Robert Morris and Yvonne Rainer perform "See Saw"



Simone Forti and Patty Oldenburg perform "Rollers"



# 1960

## The hipsters in San Francisco



Batman Gallery

# 1960

Ballet

Maurice Bejart's Ballet of the 20th Century (France)



La Teck

# 1960

## Theater

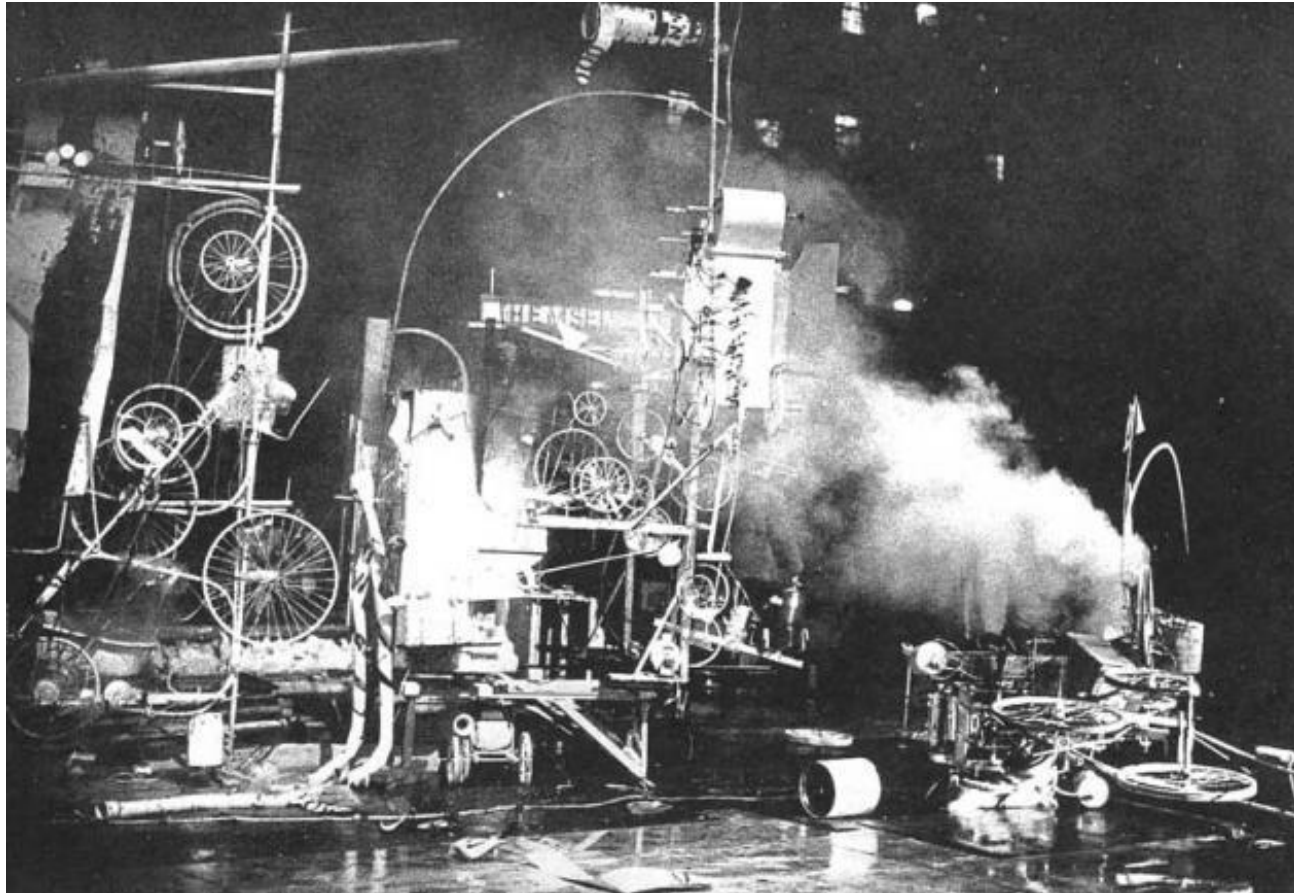
San Francisco Mime Troupe: free late night show "11th Hour Mime Show"



# 1960

Kinetic Sculpture

Jean Tinguely (Switzerland)



Self-destructing installation “Homage to New York”

# 1960

Architecture

Oscar Niemeyer (Brazil)



Brasilia

# The Space Age

1961: Soviet troops build a wall in Berlin

1961: Yuri Gagarin becomes the first astronaut



# 1961

Cinema

Alain Resnais: "Last Year at Marienbad" (Alain Robbe-Grillet)



# 1961

Twist is the biggest dance-craze

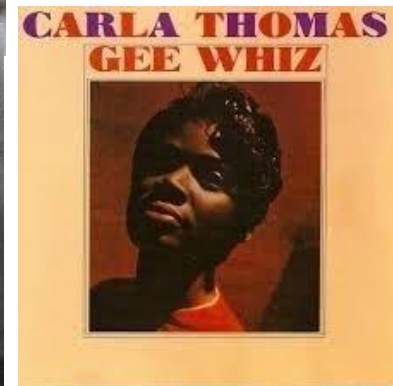
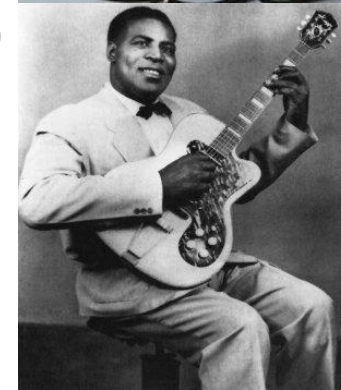
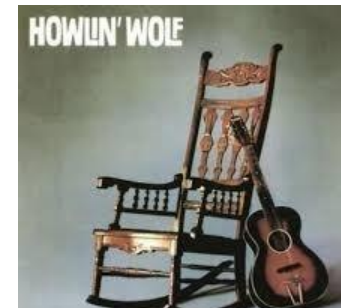
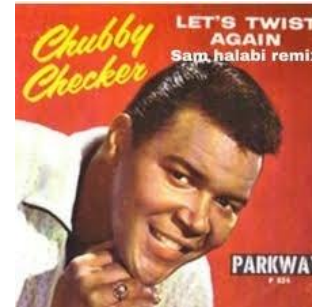
Bob Dylan arrives at the Greenwich Village (New York)

Howling Wolf cuts the *Rocking Chair* album, the masterpiece of rhythm'n'blues (Chicago)

Stax produces soul records (Memphis)

The magazine *Mersey Beat* (Liverpool)

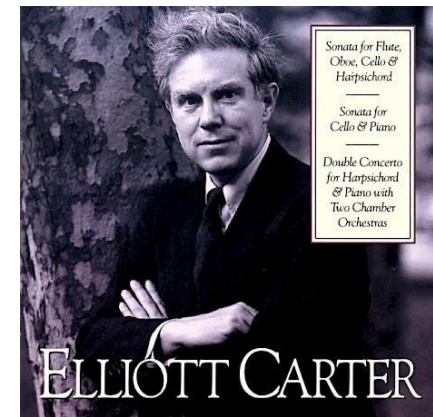
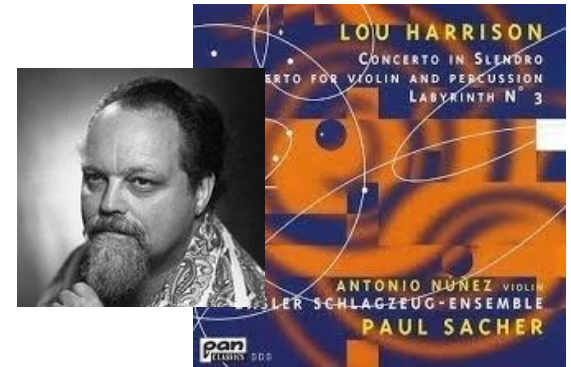
Joan Baez



# 1961

## Classical Music

Lou Harrison's *Concerto in Slendro*  
Elliott Carter's *Double Concerto* for  
*Harpsichord and Piano with Two*  
*Chamber Orchestras*



# 1961

## Avantgarde Music

Robert Ashley and Gordon Mumma  
establish the ONCE festival

Pauline Oliveros: *Sound Patterns*



# 1961

Painting

Mati Klarwein (Germany)



"Flight to Egypt" (1961)

# 1961

## Happenings @ Reuben Gallery



Claes Oldenburg: "Circus Ironworks/Fotodeath" (Feb 1961)

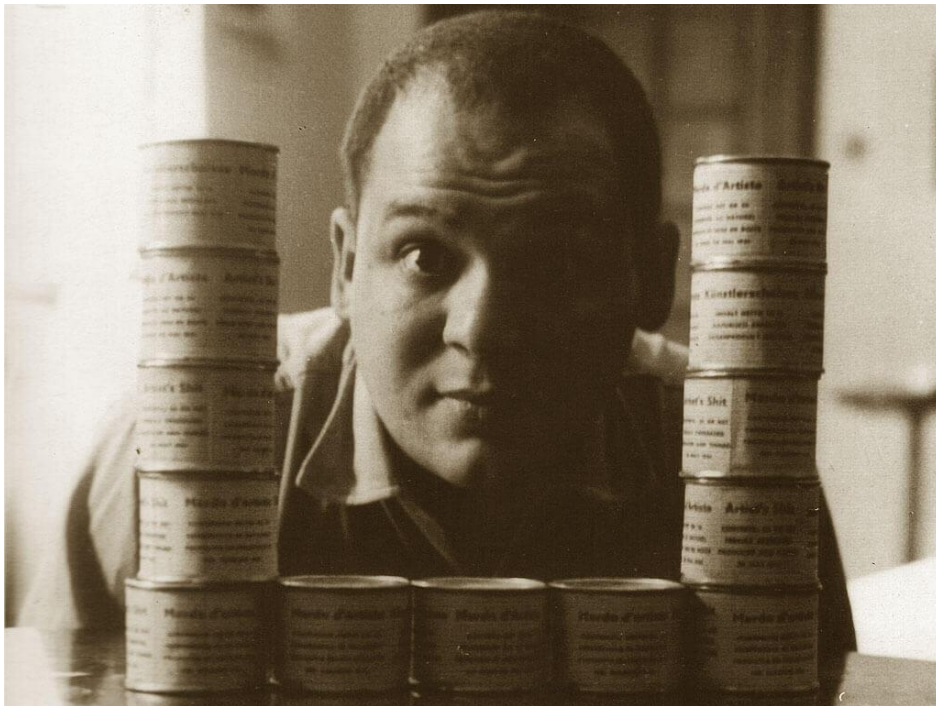


Robert Whitman: "American Moon"  
(Nov 1961)

# 1961

## Conceptual Art

Piero Manzoni (Italy): “Artist’s Shit” - cans containing shit



# 1961

Light Sculpture  
Lucio Fontana  
Julio LeParc



“Lumière en mouvement” (1962)



"Energy Sources" (1961)

# 1961

## Comics

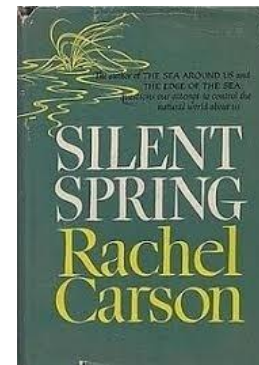
Fantastic Four (1961, Stan Lee/Jack Kirby)

Spiderman (1962, Stan Lee/Steve Ditko)



# The Space Age

- 1962: The Vietnam war, the first televised war
- 1962: The USA and the Soviet Union risk a nuclear war over missiles deployed in Cuba
- 1962: Rachel Carson's "Silent Spring"
- 1962: Tom Hayden & Student Nonviolent Coordinating Committee (Detroit)



# 1962

1962: The audio cassette is introduced

1962: The first telecommunication satellite,  
the Telstar



# 1962

Cinema

Luis Bunuel

“Exterminating Angel”



# 1962

## Cinema

John Frankenheimer:  
"The Manchurian Candidate"



# 1962

Cinema

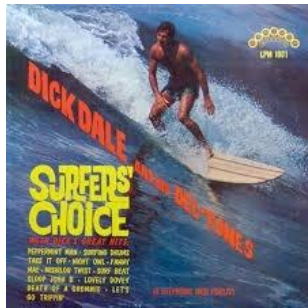
Robert Aldrich



"Whatever Happened to Baby Jane"

# 1962

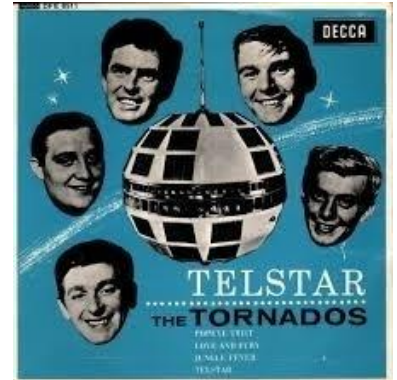
Surf music



Phil Spector's "wall of sound"



The Tornados' Telstar, the first British record to top the US charts



Most pop hits are produced at the Brill Building

Golden age of the girl-groups

Boom of the Tamla Motown

Françoise Hardy's *Tous les Garçons et les Filles*



# 1962

Bob Dylan

Carnegie Hall Hootenanny (1962)

*Blowin' in the Wind*

*A Hard Rain's a-Gonna Fall*



# 1962

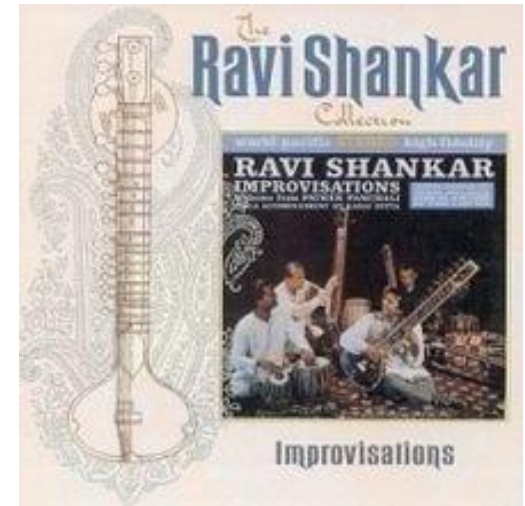
Avantgarde music

Ravi Shankar's "*Improvisations* "

The Tape Music Center

George Maciunas: Fluxus  
movement

Avantgarde music no more a  
European exclusive



Ramon Sender, Mike Callahan, Morton Subotnick, and Pauline Oliveros at SFMTC. Photo: [Art Frisch](#)

# 1962

## Pop Art

The "New Realists" exhibition

Mainly in the USA

The consumer society, mass-produced goods

Junk materials, debris

Style-less art

A return to figurative art after the abstract era



Andy Warhol:  
"25 Marilyns"

# 1962

## Pop Art

### Andy Warhol's "Factory"

### Warhol's Superstars



Jackie Curtis



Brigid Berlin



Edie Sedgwick



Jane Holzer



Eric Emerson



Naomi Levine



Bob "Ondine" Olivio



Andrea Feldman



Naomi Levine ("Kiss" 1963)

Baby Jane Holzer ("Soap Opera" 1964)

Naomi Levine ("Tarzan and Jane Regained" 1964)

Bob "Ondine" Olivio ("Batman Dracula" 1964)

Edie Sedgwick ("Poor Little Rich Girl" 1965)

Brigid Berlin ("The Chelsea Girls" 1966)

Eric Emerson ("The Chelsea Girls" 1966)

Andrea Feldman ("Imitation of Christ" 1967)

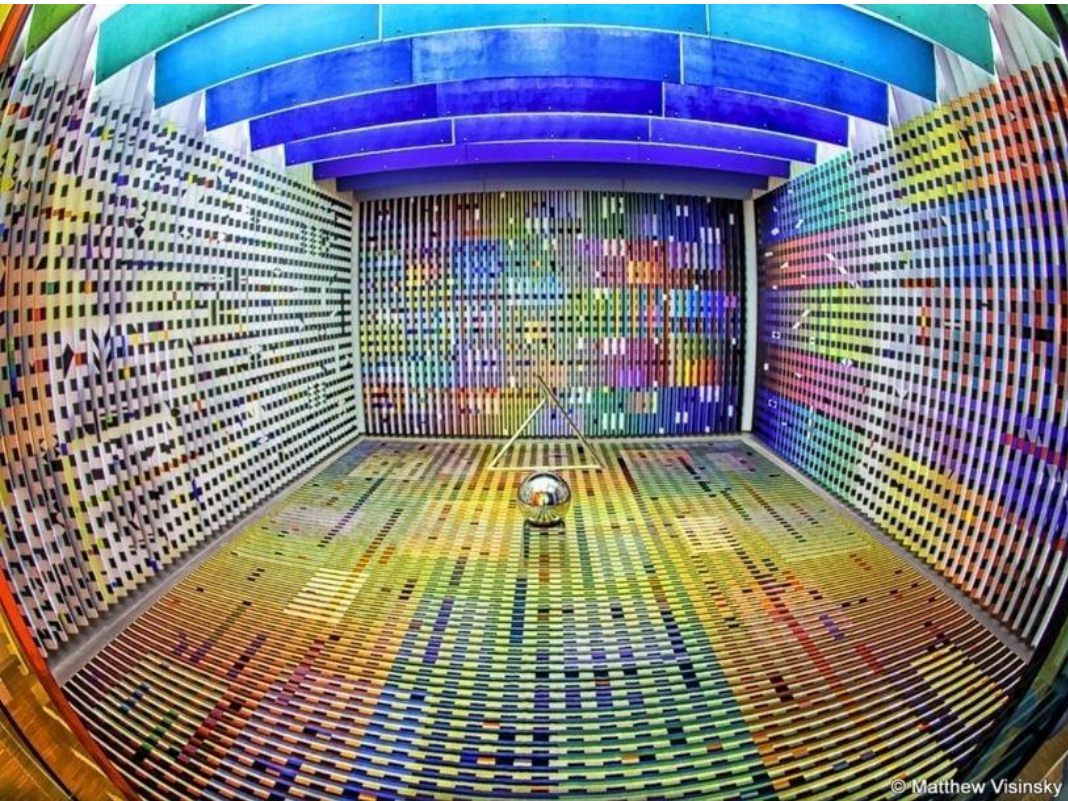
Jackie Curtis ("Flesh" 1968)

# 1962

Optical art

Richard Anuszkiewicz

Yaacov Agam



"Water From The Rock"

# 1962

## Performance Art

Nam Jun Paik's interpretation of LaMonte Young's "Composition 1960 No. 10" ("draw a straight line and follow it")



"Zen for Head"

# 1962

## Comics

Barbarella (1962, Jean-Claude Forest)

Modesty Blaise (1962, Peter O'donnell/Jim Holdaway)

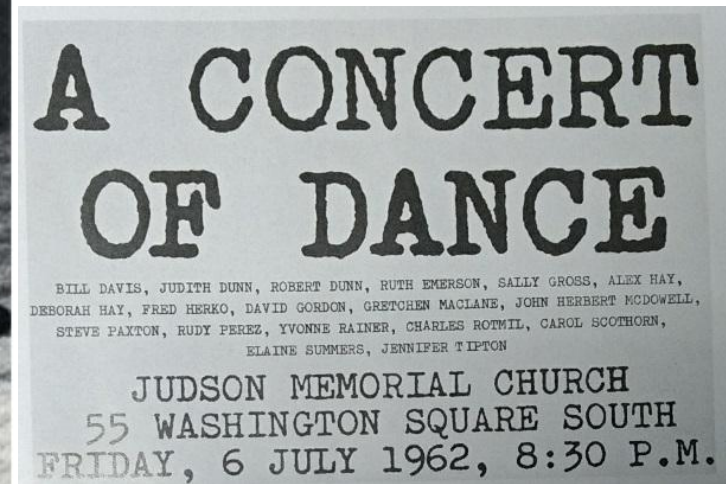
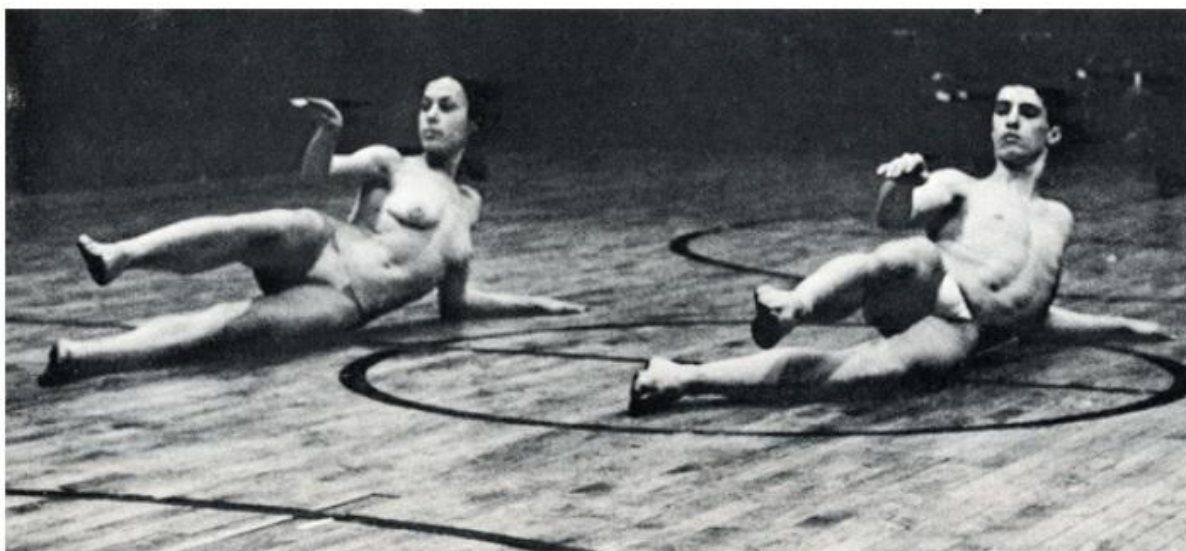
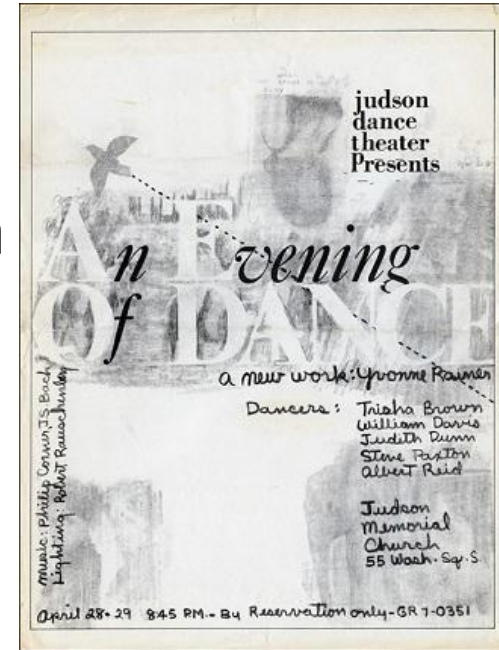
Valentina (1965, Guido Crepax)



# 1962

## Judson Dance Theater

July 1962: 17 students of Robert Ellis Dunn's dance class perform at the Judson Memorial Church in Greenwich Village including Yvonne Rainer, Deborah Hay, David Gordon, Lucinda Childs, Steve Paxton, Trisha Brown



Yvonne Rainer and Steve Paxton, *Word Words*, 1963. Performance view, Judson Church, New York, January 29, 1963.

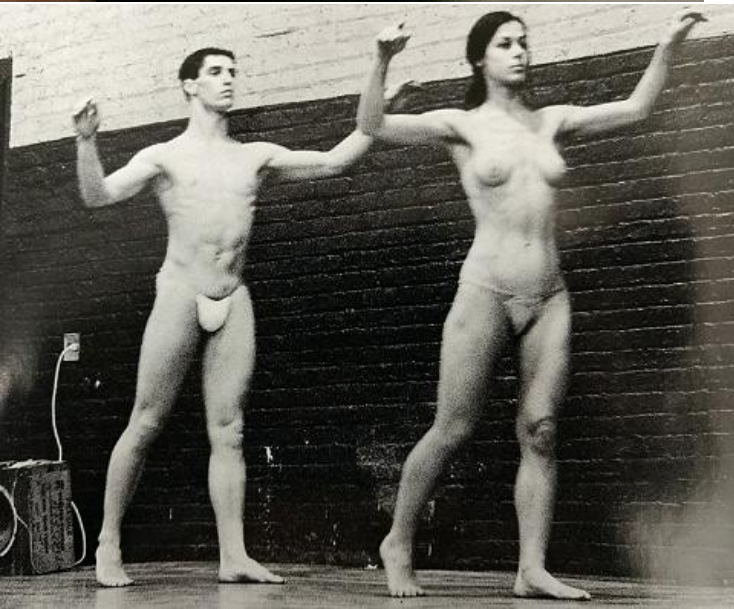
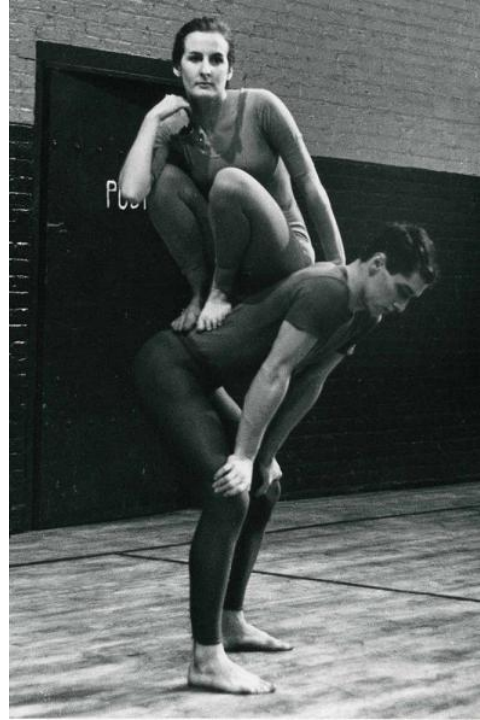
# 1962

## Judson Dance Theater



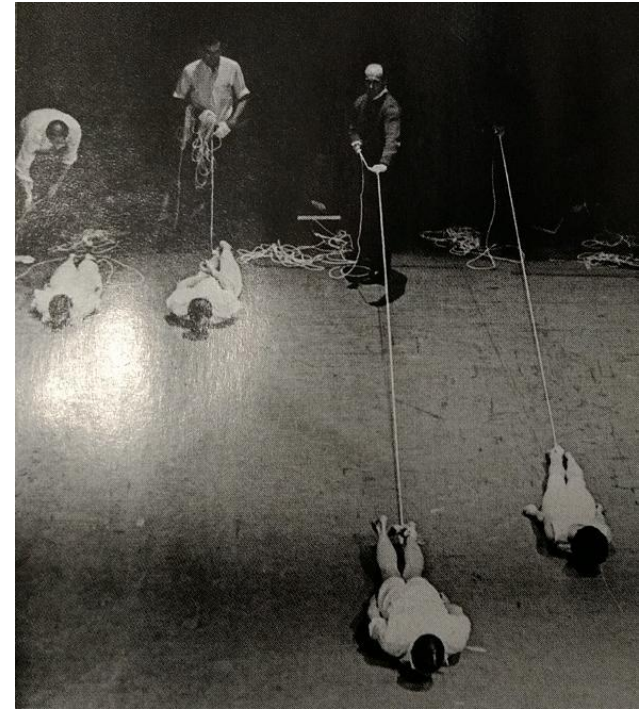
Yvonne Rainer: "Three Seascapes" (1962)

Trisha Brown:  
"Lightfall" (1963)



Steve Paxton and  
Yvonne Rainer

Deborah Hay:  
"Victory 14" (1964)



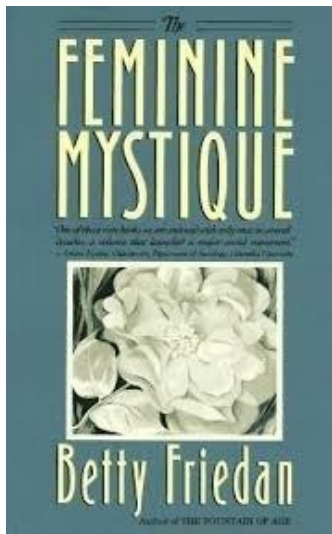
# The Space Age

1963: president John Kennedy is assassinated

1963: Martin Luther King's speech "I have a dream"

1963: Betty Friedan's "The Feminine Mystique"

1963: Vietnamese monk Thich Quang Duc sets himself on fire



# 1963

"Beatlesmania" hits Britain

Sandy Bull: *Fantasia For Guitar & Banjo*  
"Blend" - 22:00

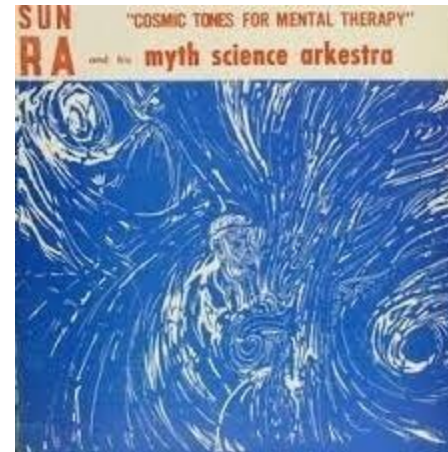
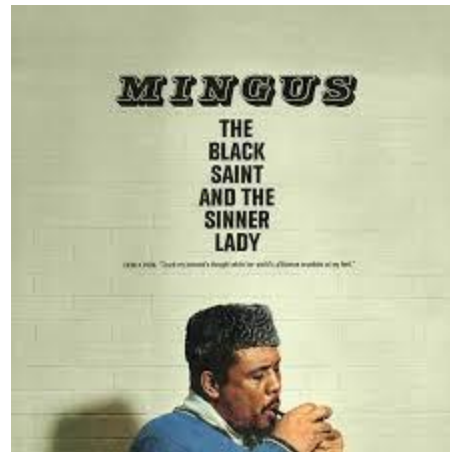


# 1963

## Jazz

Charles Mingus: *The Black Saint And The Sinner Lady*

Sun Ra: *Cosmic Tones For Mental Therapy*



# 1963

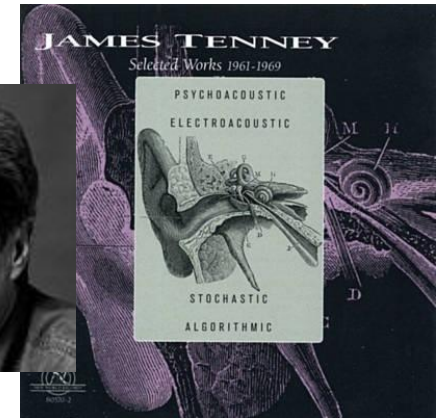
## Avantgarde Music

Pierre Henry's *Variations Pour une Porte et un Soupir*

James Tenney's computer music  
*Phases*

Stan Shaff and Doug McEachern:  
public 3D sound events

Gordon Mumma's electro-acoustic  
sculpture *Megaton*



# 1963

Painting

Jean Dubuffet (France)



“Tide of the Hourloupe” (1963)



"Inconsistancies"

# 1963

## Body Art

Carolee Schneemann

The artist's naked body is an artwork



“Eye Body” : The artist covers her body in grease, chalk and plastic in a chaotic dilapidated loft

# 1963

May 1963: Yam Festival month-long series of happenings organized by George Brecht and Robert Watts at George Segal's farm

including Allan Kaprow, John Cage, Al Hansen, Dick Higgins, La Monte Young, Karlheinz Stockhausen, Ray Johnson...

## SMOLIN GALLERY PRESENTS

as part of the Yam Festival

An afternoon of Happenings,  
Dance and Music at George Segal's  
farm, Davidson's Mills Road,  
Box 323, South Brunswick, New  
Jersey on Sunday, May 19, 1963  
at 2 p.m.

## PRESENTATIONS

Chuck Ginnever . . . . . A Sculpture Dance  
Dick Higgins . . . . . Lots of Trouble  
Allan Kaprow . . . . . May, A Happening  
Yvonne Rainer . . . . . A Dance  
Wolf Vostell . . . . . Television Decollage  
La Monte Young . . . . . Music

## DIRECTIONS AND TRANSPORTATION TO SIEGEL'S FARM

By Car: New Jersey Turnpike South to Exit 9. Follow signs saying Route 130 South (not to New Brunswick) to traffic circle for Route 130 for approximately 4 to 5 miles. Watch for Liquor Store Bar Esso station on left. This is Davidson's Mills Road. Turn left, go 1-1/4 miles. Farm on right is marked.

By Bus: Chartered buses (Suburban Lines) leave from 42nd Street Port Authority Bus Terminal (check at Information Desk for platform) at 12 noon sharp. Round trip ticket \$2 -- pay to driver. Bus returns to N. Y. C. about 6 p.m.

Food: New Jersey state law prohibits outdoor cooking because of recent severe drought. Bring your own picnic lunch.

PLEASE DETACH THIS FORM AND RETURN WITH STAMPED SELF ADDRESSED ENVELOPE TO SMOLIN GALLERY, 19 EAST 71st St., N.Y.C. 21.

ENCLOSE \$2.00 for each reservation. Make checks payable to: Ira Smolin.

# 1963

## Multimedia art

USCO in San Francisco = poet  
**Gerd Stern**, electronic  
technician Michael Callahan, and  
painter Steve Durkee

Multimedia performance "Who R  
U" at San Francisco Museum of  
Art featuring electronic  
sculptures and collages

First public showing of computer  
art (San Jose)

San Francisco Museum of Art in 1963



## Art By The Numbers

San Jose Mercury  
Saturday, May 4, 1963

### World's First Computer Show

They've got the artist's number at San Jose State College.

An IBM 1620 has been taught the principles of non-objective art by an enterprising group of graduate students in chemistry.

The world's first, one-computer show will be hung next week in Spartan Bookstore. It includes about 20 paintings, collages, watercolors and three-dimensional works. Each is an original.

Art is just a part-time hobby for the computer, which doesn't actually do any painting. Like the master painters of the Renaissance, it leaves the details to technicians.

Here's how the digital computer became an artist, according to Dr. Ralph Fessenden, assistant professor of chemistry.

The idea came from Mrs. Joan Shogren, secretary in the chemistry department, who persuaded a graduate student and computer programmer named Jim Larsen to work up a program to instruct the computer in

He fed it certain basic principles of design, and the computer responded in the only language it knows—numbers. It produces a page of as many as 1,600 numbers from 0 to 5 arranged in what is supposed to be an artistic pattern.

Then the human decides what to do with each number. For example, all the fives might become yellow blobs. The twos might be black squiggles. Then he paints—by the numbers.

"Everything except the overall design is left to the human," said Dr. Fessenden. "It's impossible to tell how it will turn out until you look at them."

About every other painting is judged something of a failure, he said. A variety of techniques and interpretations is used.

The show is scheduled at Spartan Bookstore starting Monday.

The implications aren't yet clear. Should art students, for example, study advanced mathematics? Should computers be allowed, if pos-

# 1963

Video art

Nam June Paik



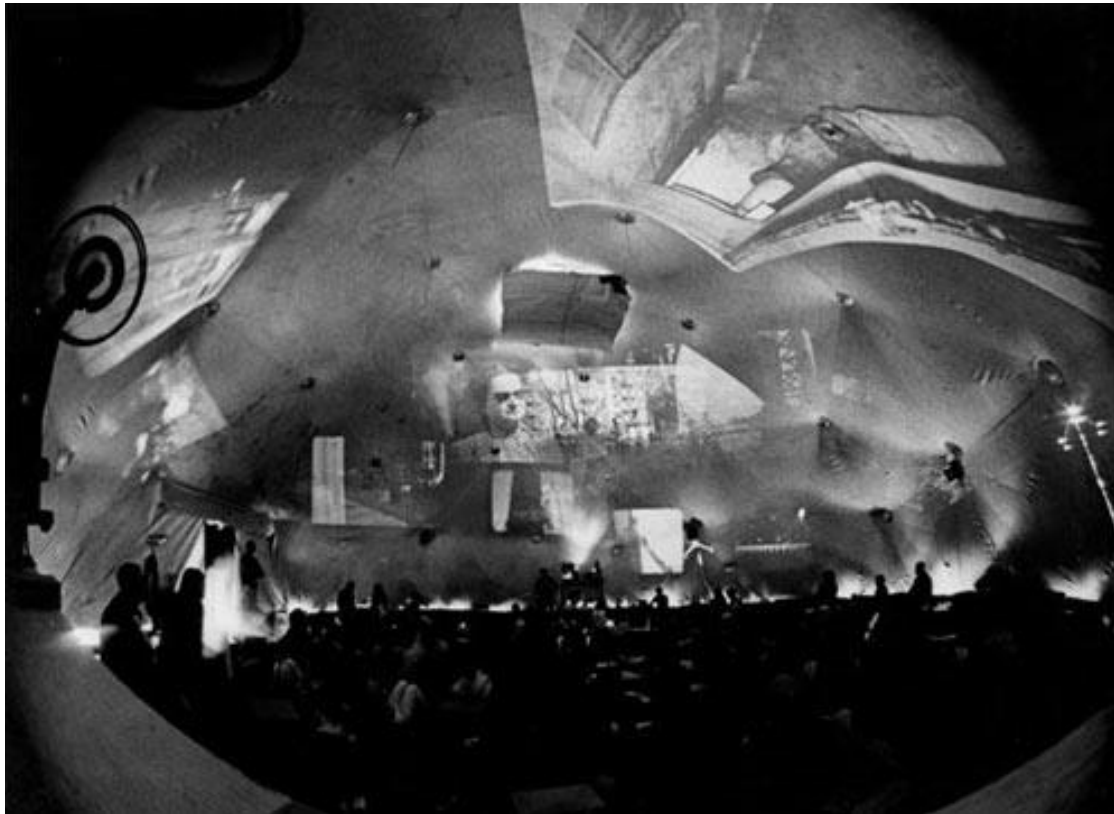
"Participation TV" , an  
interactive video installation



# 1963

Video art

Stan VanDerBeek (1927)



"The Movie Drome" (1963), an immersive environment where the viewer is bombarded by a constant stream of moving images

# 1963

## The light show

Seymour Locks: first light show in 1952 in San Francisco

Elias Romero: first light show in 1956

Tony Martin: light show at the Tape Music Center in 1963

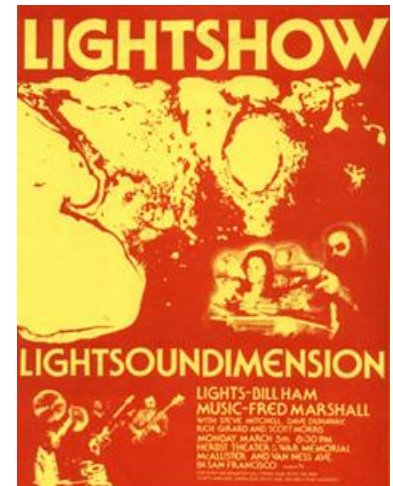
Bill Ham: first light show for rock concert in 1965



Elias Romero



Tony Martin



Bill Ham

# 1963

Dada reborn: First US retrospective of Marcel Duchamp (at Pasadena's art museum)



Marcel Duchamp playing chess with a naked woman, Pasadena (1963)

# Intermezzo

## Poetry

**Andrej Voznesensky** (Russia): "Mosaika" (1960)  
Jorge-Luis Borges (Argentina): "El Hacedor" (1960)  
Ted Hughes (Britain): "Lupercal" (1960)  
Gunnar Ekeloef (Sweden): "A Molna Elegy" (1960)  
Pierpaolo Pasolini (Italy): "Religion of Our Time" (1961)  
**Yevgeny Yevtushenko** (Russia): "Babi Yar" (1961)  
**Tadeusz Rozewicz** (Poland): "Nameless Voice" (1961)  
**Zbigniew Herbert** (Poland): "Study of the Object" (1961)  
**Bella Akhmadulina** (Russia): "String" (1962)  
**Wislaw Szymborska** (Poland): "Salt" (1962)  
**Anna Akhmatova** (Russia): "Poem Without A Hero" (1962)  
**Josif Brodsky** (Russia): "Elegy to John Donne" (1963)  
Mario Luzi (Italy): "In the Magma" (1963)  
**Vladimir Holan** (Czech): "Histories" (1963)  
William-Stanley Merwin (USA): "Moving Target" (1963)  
John Berryman (USA): "77 Dream Songs" (1964)  
Philip Larkin (Britain): "Whitsun Weddings" (1964)



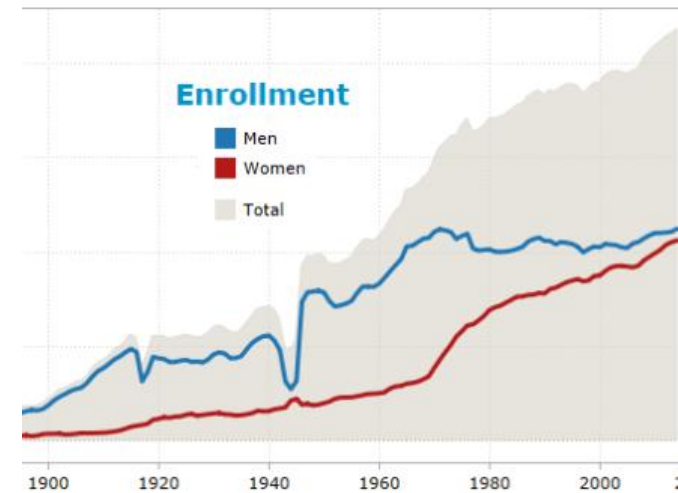
# The Space Age

1964: The Civil Rights Act

1964: Free Speech Movement

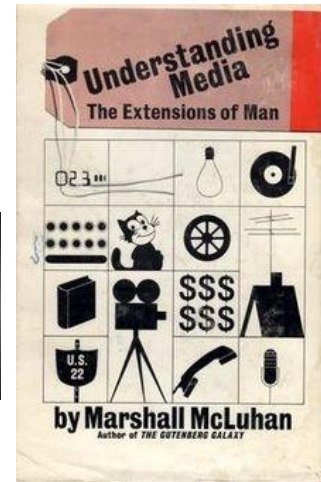
1964: Great Society (more kids can go to college)

1964: Ken Kesey's Merry Pranksters

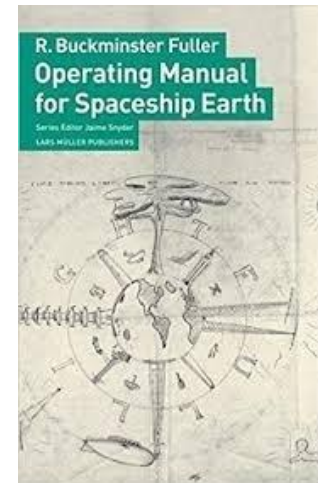


# The Space Age

Marshall McLuhan: *“The medium is the message”*



Buckminster Fuller: *“To make the world work, for 100% of humanity, in the shortest possible time, through spontaneous cooperation, without ecological offense or the disadvantage of anyone”*



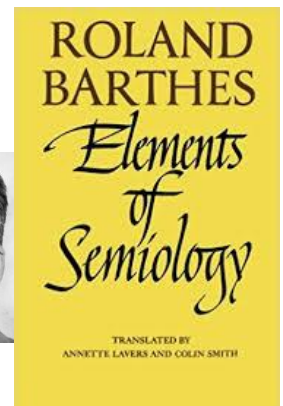
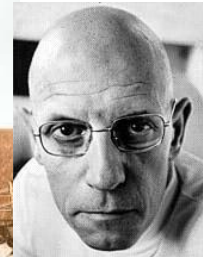
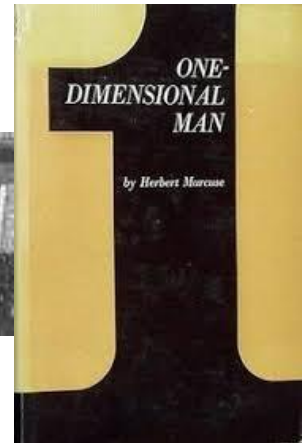
# The Space Age

## French Philosophy

Herbert Marcuse: *“One-dimensional thought is systematically promoted by the makers of politics and their purveyors of mass information”*

Michel Foucault: *“Schools serve the same social functions as prisons”*

Roland Barthes's semiology



# The Space Age

Poetry/ Berkeley Renaissance

1964: Freeway reading (Welch, Snyder, Whalen)

Blue Unicorn coffeehouse

1965: Berkeley Poetry Conference

Lew Welch

June 1964

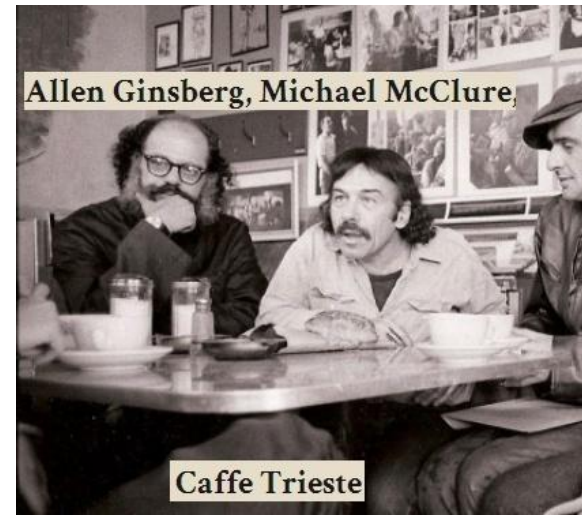
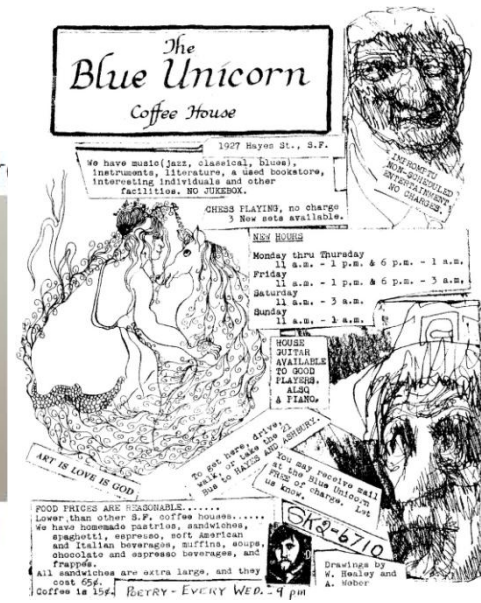
Gary Snyder

Philip Whalen

White Rabbit Pr



1957-1968



Allen Ginsberg, Michael McClure

Caffè Trieste

# 1964

Cinema

Sergio Leone



# 1964

Cinema

Stanley Kubrick

"Dr. Strangelove"



# 1964

Cinema

Blake Edwards



"Pink Panther"

# 1964

Beach Boys: *I Get Around*

Beatles: *A Hard Day's Night*

Roy Orbison: *Pretty Woman*

Petula Clark: *Downtown*

Kinks: *You Really Got Me*

James Brown coins a percussive style of soul



# 1964

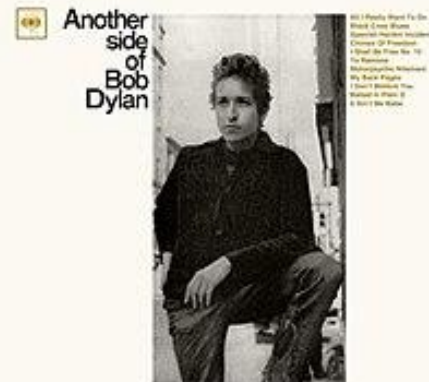
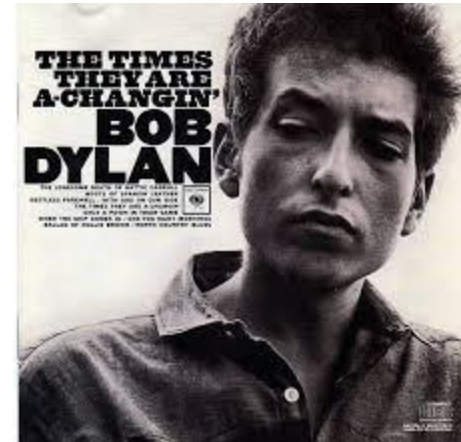
Bob Dylan

*The Times They Are a-Changin'*  
(1964)

*Another Side (1964)*

*Chimes of Freedom* - 7:10

*Ballad in Plain D* - 8:16

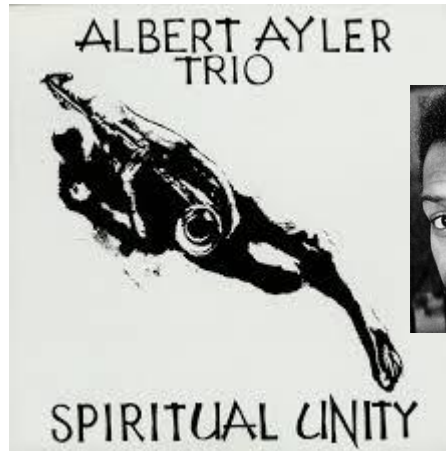


# 1964

## Jazz

John Coltrane: *A Love Supreme*

Albert Ayler: *Spiritual Unity*

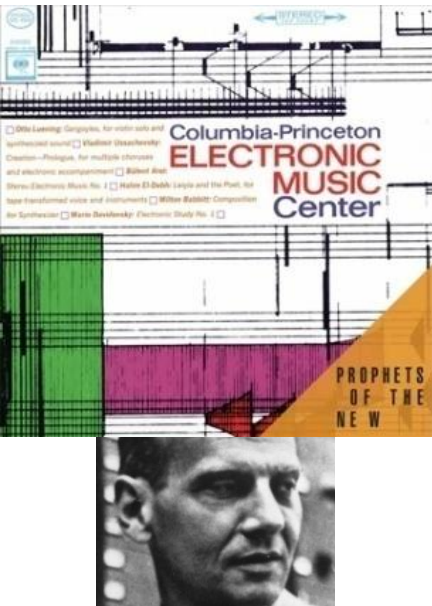
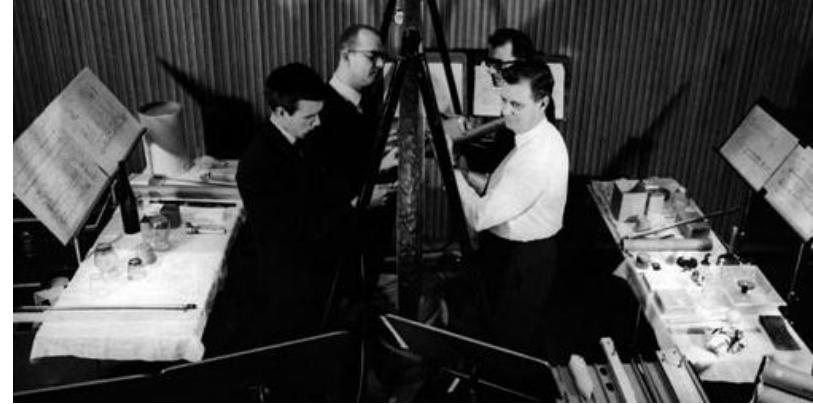


# 1964

## Avantgarde Music

Karlheinz Stockhausen's live  
electronic music *Mikrophonie I*

Milton Babbitt's *Ensembles For  
Synthesizer*

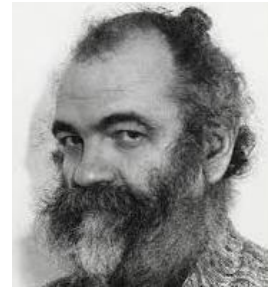


Milton Babbitt, Peter Mauzey, Vladimir Ussachevsky



The RCA Mark II Synthesizer at the Columbia-Princeton Electronic Music Center

# 1964



Avantgarde Music



## LaMonte Young: Theater of Eternal Music

The Theater of Eternal Music (also known as the Dream Syndicate)



Tony Conrad, La Monte Young, Marion Zazeela, and John Cale 1965



"Studies in the Bowed Disc" (Pocket Theater, Nov 1964)

# 1964

## Robot art

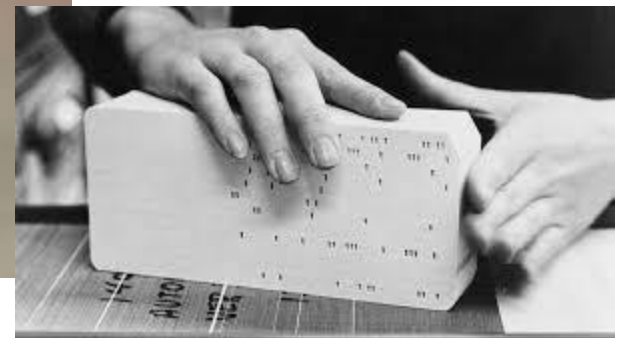
Nam June Paik and Shuya  
Abe: Robot K-456 -  
remote-controlled  
anthropomorphic robot



# 1964

## Technology

IBM's "mainframe" computer /360



# What is Music

1. Entertainment
2. Research
3. Communications (politics)

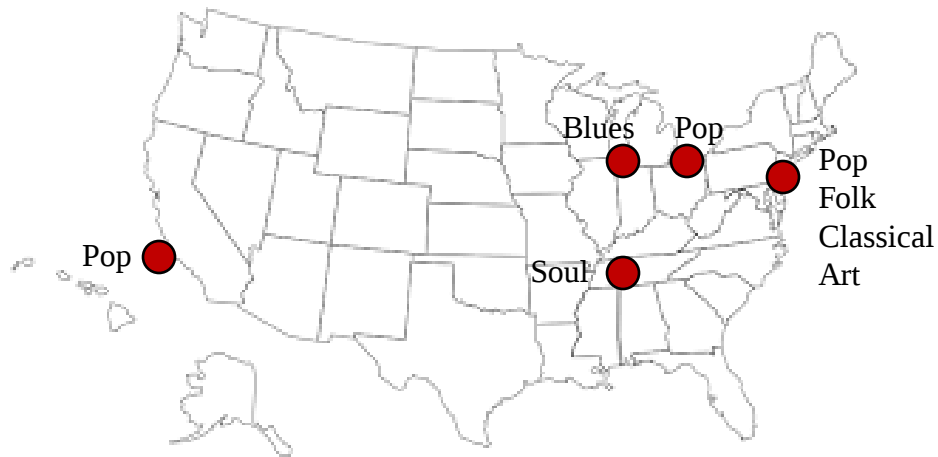
# What is Art

The art object is not a fixed object but it is simply the temporary remnant of a creative process

The new language of art and music: a language of pure process, in which the artwork is less important than the process of creating it

Living art, not dead art

# The Great Centers of Art and Music



# The Space Age

1965: Maharishi Mahesh Yogi founds the  
Students' International Meditation Society



1965: Half of USA households own a Polaroid



1965: Racial riots of Watts

1965: Owsley "Bear" Stanley synthesizes  
crystalline LSD



# 1965

Cinema

Roman Polanski



"Repulsion"

# 1965

Cinema

Jean-Luc Godard (France)



"Alphaville"

# 1965

Dick Clark's "Where the Action Is"  
The Rolling Stones' Satisfaction is  
banned by radio stations across  
the UK and USA

Tom Wilson invents folk-rock



# 1965

Mods

Who: *My Generation*

Animals: *We've Gotta Get Out*

Garage-rock

McCoys: *Hang on Sloopy*

Folk-rock

Byrds: *Mr. Tambourine Man*

Barry McGuire: *Eve of Destruction*

Simon & Garfunkel: *Sounds of Silence*



# 1965



# 1965

Bob Dylan goes electric

Bob Dylan unveils an electric band  
at the Newport Festival

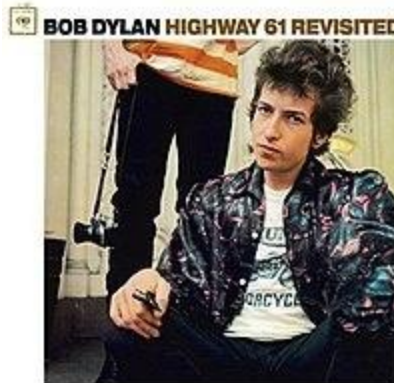
*Bringing It All Back Home (1965)*

*Mr Tambourine Man (1965)*

*Highway 61 Revisited*

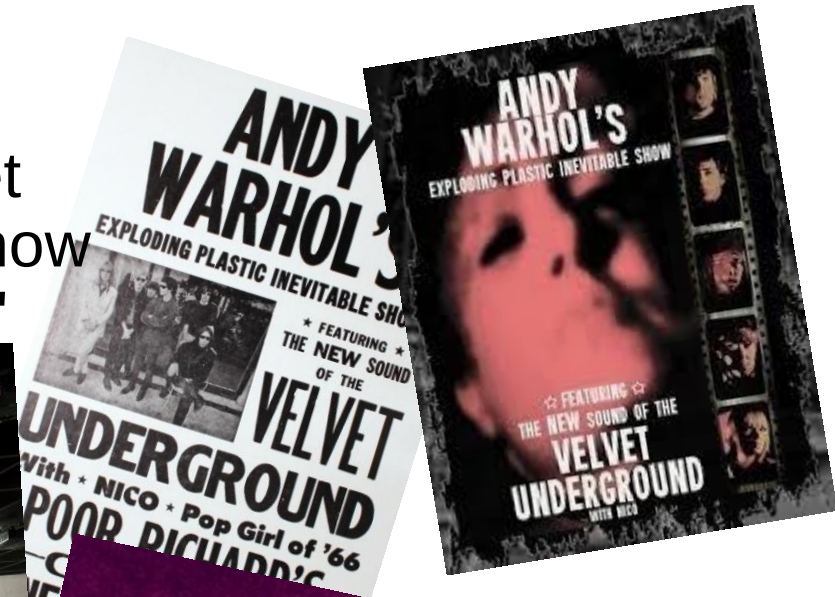
*Like A Rolling Stone (1965)*

*Desolation Row (1965) - 11:21*



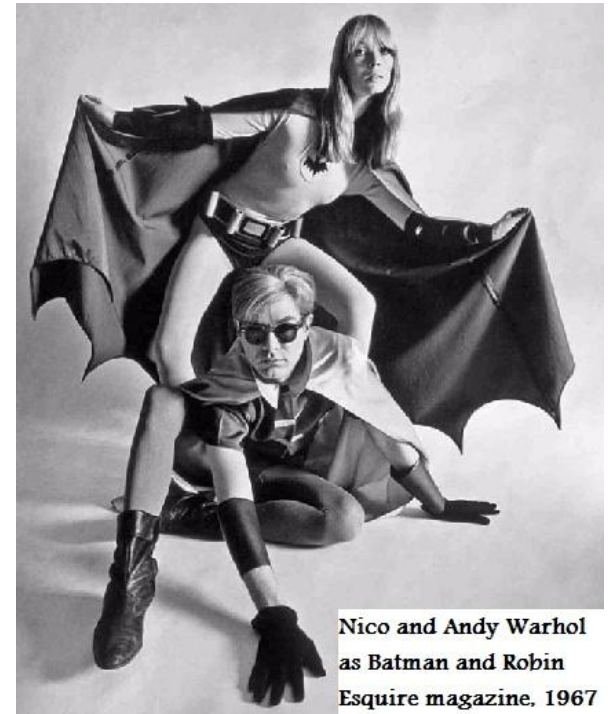
# 1965

Andy Warhol incorporates the Velvet Underground in his multimedia show "The Exploding Plastic Inevitable"

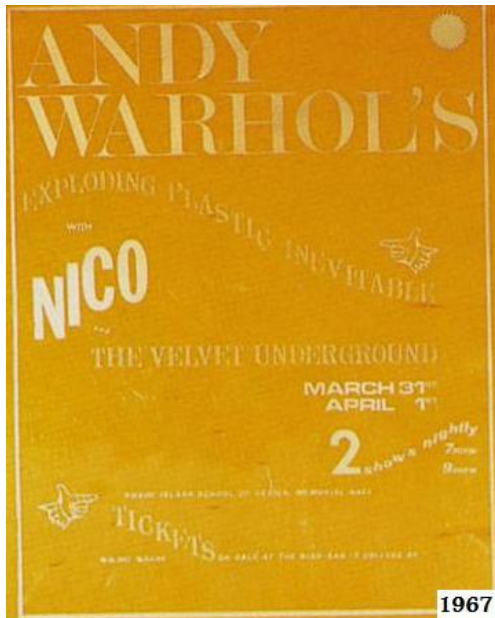


# 1965

## Velvet Underground

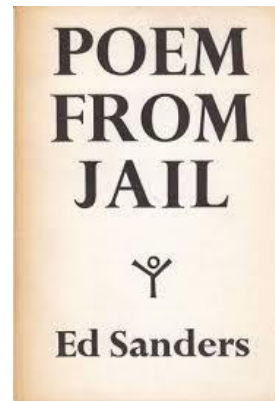


Nico and Andy Warhol  
as Batman and Robin  
Esquire magazine, 1967



# 1965

Fugs,  
Ed Sanders  
Tuli Kupferberg



Cover of Yeah, no. 3, June 1962.



Tuli Kupferberg



*The Village Fugs Sing Ballads of  
Contemporary Protest, Point of  
Views, and General Dissatisfaction*

# 1965



# 1965

The Charlatans perform for six days in Virginia City

Country Joe McDonald releases the first "rag babies"

The Family Dog organizes the first hippie festival

Michael Fallon calls "hippies" the new generation of beatniks that has moved from North Beach into the Haight-Ashbury



# 1965

The Warlocks (Grateful Dead) are hired to play at the "acid tests" (Ken Kesey's LSD parties)



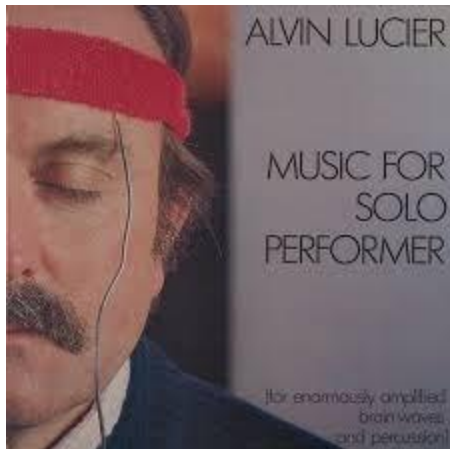
# 1965



# 1965

Terry Riley and Steve Reich compose music based on repetition of simple patterns ("minimalism")

Alvin Lucier's *Music For Solo Performer* for the performer's brainwaves



# 1965

## Soul music

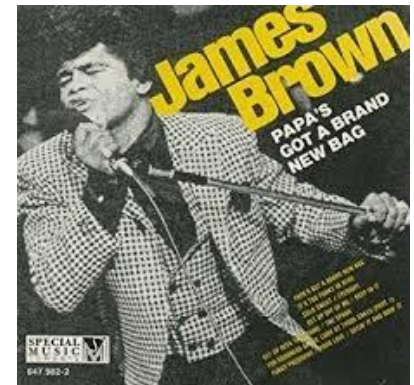
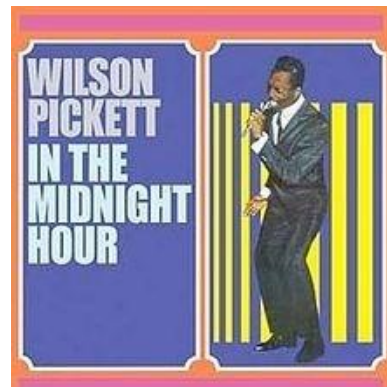
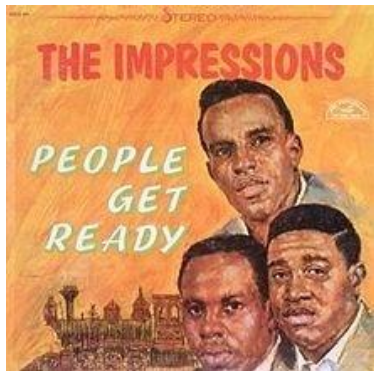
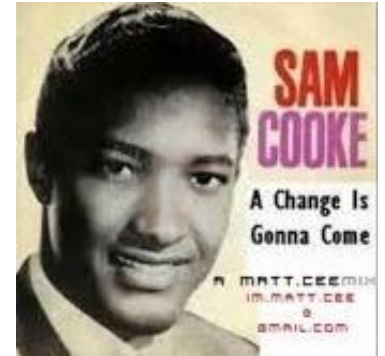
Sam Cooke: *A Change Is Gonna Come*

Curtis Mayfield: *People Get Ready*

Wilson Pickett: *In The Midnight Hour*

Otis Redding: *I've Been Lovin' You Too Long*

James Brown: *Papa's Got A Brand New Bag*

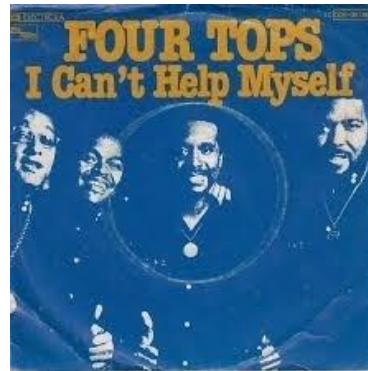


# 1965

## Tamla-soul

The Supremes have four number-one hits  
and the Four Tops have two

All written by Holland-Dozier-Holland



# 1965

Pop Art

James Rosenquist



**“F111” (1965)**

# 1965

Body Art

Yayoi Kusama (Japan)

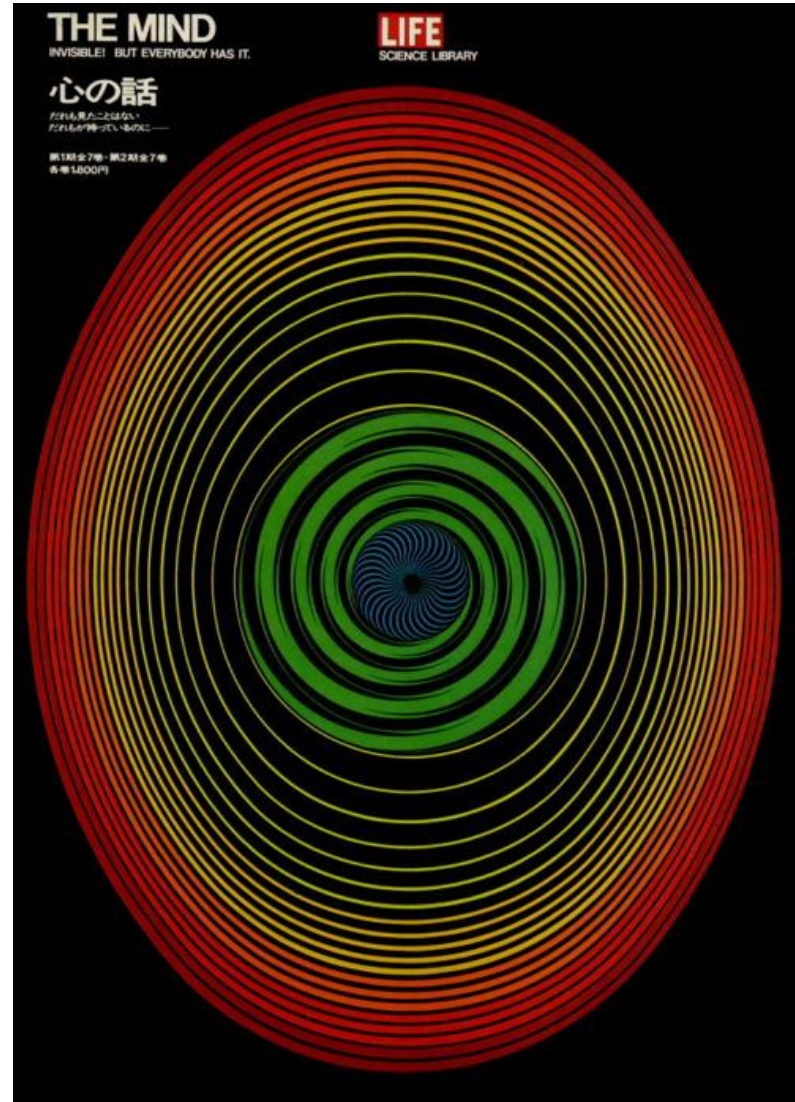


"Infinity Mirror Room-Phalli's Field"

# 1965

Graphic Design

Kazumasa Nagai (Japan)



# 1965

Body Art

Joseph Beuys (Germany)



“How to Explain Paintings to a Dead Hare” (1965) - a three-hour discussion between the artist and a dead hare

# 1965

Architecture

Kenzo Tange (Japan)



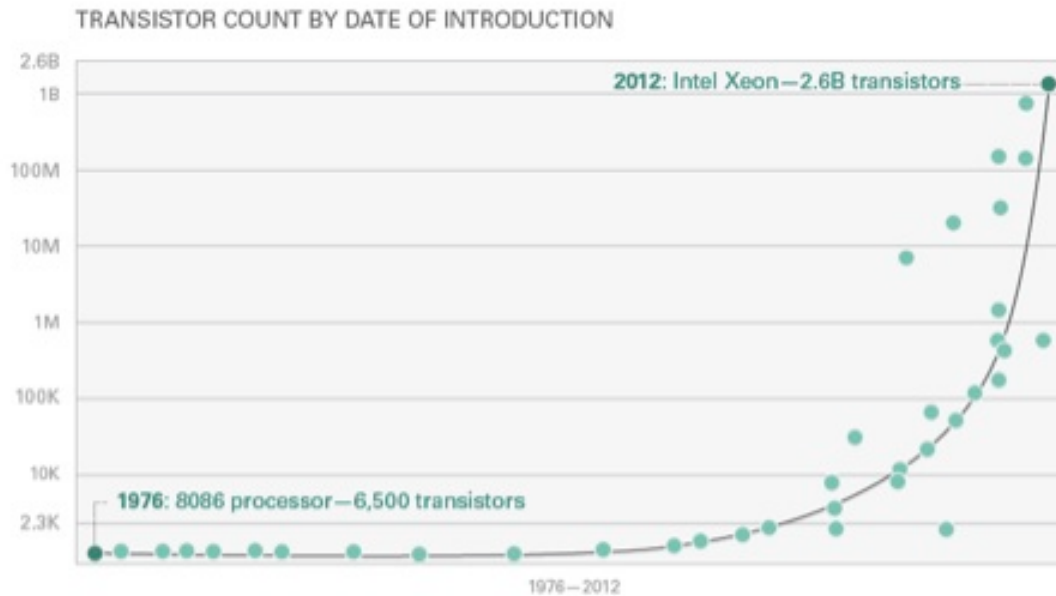
Cathedral, Tokyo



# 1965

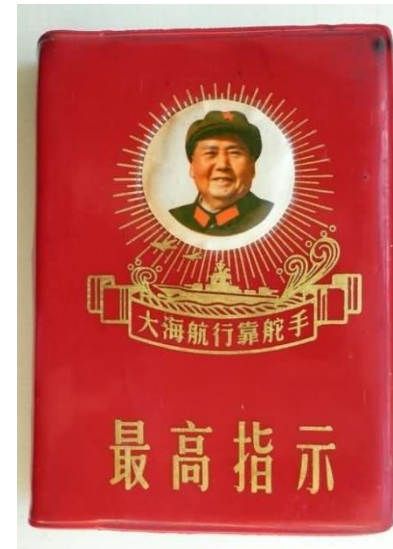
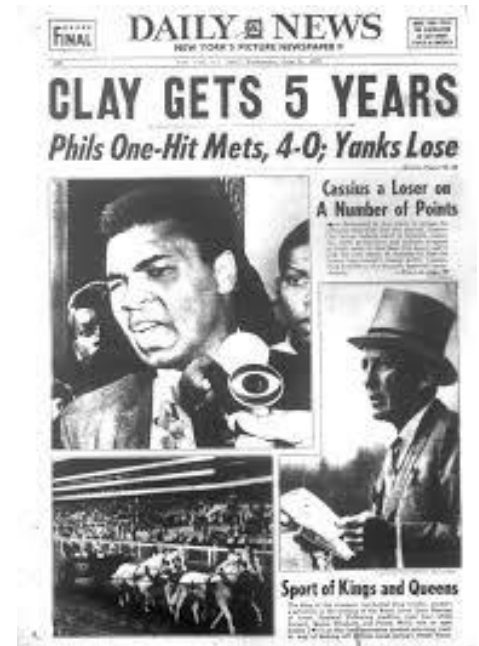
## Technology

### Gordon Moore's law



# The Space Age

- 1966: Cassius Clay is jailed
- 1966: Star Trek debuts on television
- 1966: Black Panther Party (Huey Newton, Bobby Seale)
- 1966: Cultural Revolution in China



# 1966

Cinema

Ingmar Bergman



"Persona"

# 1966

Cinema

Michelangelo Antonioni



"Blow-Up"



# 1966

The Mamas & The Papas: *California Dreamin'*

Beach Boys: *Good Vibrations*

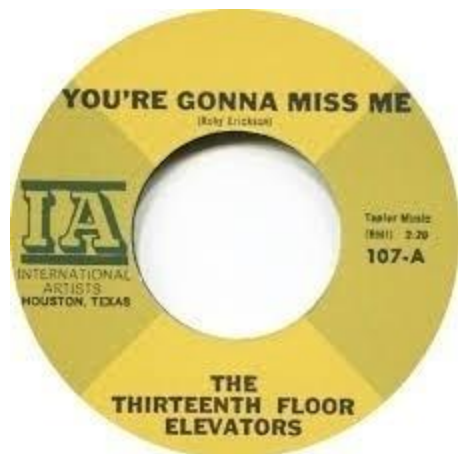
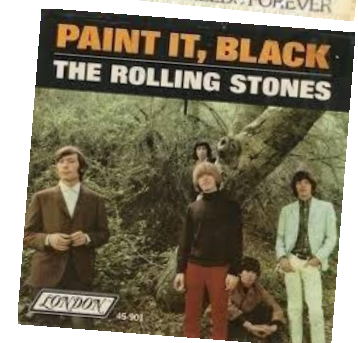
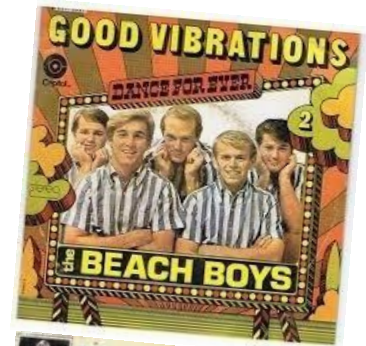
Beatles: *Penny Lane*

Rolling Stones: *Paint it Black*

13th Floor Elevator: *You're Gonna Miss Me*

Troggs: *Wild Thing*

Them: *Gloria*



# 1966

The 13th Floor Elevator's *The Psychedelic Sound Of* is the first album marketed as "psychedelic"

Elaborate arrangements on the Beach Boys' *Pet Sounds*





1966



Bob Dylan: *Sad Eyed Lady of the Lowlands* 11:23

Paul Butterfield: *East-West* 13:10

Fugs: *Virgin Forest* 11:09

Love: *Revelation* 18:57

Frank Zappa:



*Help, I'm A Rock (Suite In Three Movements)* 8:37

*The Return Of The Son Of Monster Magnet (Unfinished Ballet In Two Tableaus)* 12:17

The double album

Bob Dylan's *Blonde On Blonde*

Frank Zappa's *Freak Out*





# 1966

Dada in L.A.

Frank Zappa & Mothers of Invention  
Captain Beefheart & Magic Band



# 1966

The counterculture manifested itself in  
both demonstrations AND dress



museum of arts and design

## **Counter-Couture**

Handmade Fashion in an American Counterculture

March 2, 2017 to August 20, 2017



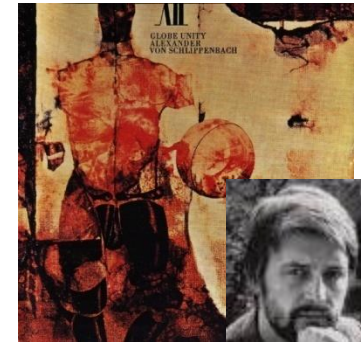
# 1966

## Jazz

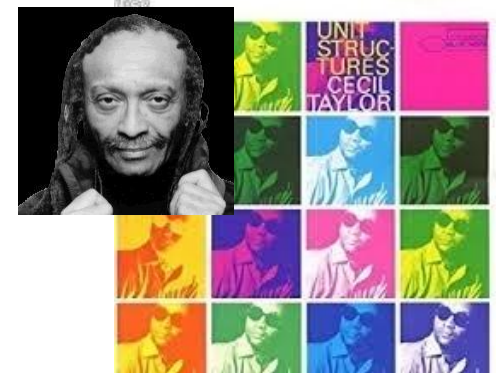
Roscoe Mitchell releases the first album of the Association for the Advancement of Creative Musicians (AACM)



Alexander Von Schlippenbach forms the Globe Unity Orchestra



Cecil Taylor: Unit Structures



Don Cherry: Symphony For Improvisers

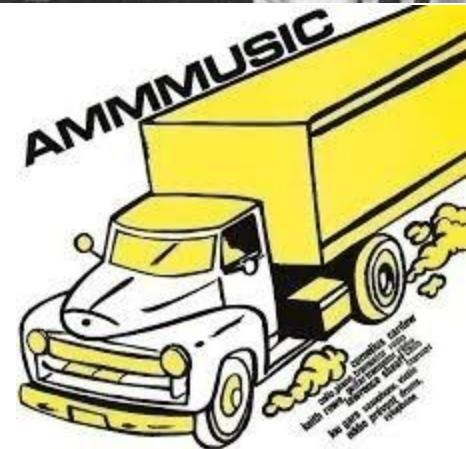


# 1966

Live electronic music

AMM (Cornelius Cardew, Eddie  
Prevost, Keith Rowe)

Musica Elettronica Viva (Frederic  
Rzewski, Alvin Curran and Richard  
Teitelbaum)

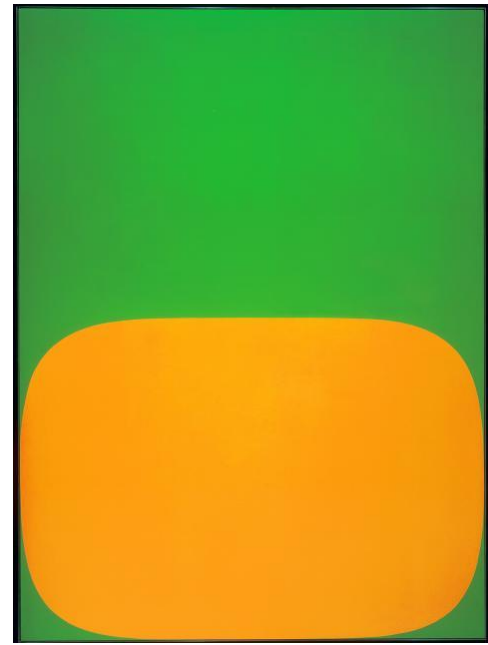


# 1966

- Minimalist Art
  - Art is not self-expression
  - Minimizing the role of artistic inspiration and of artistic virtuosity
  - The environment is part of the sculpture



Don Judd (1928)'s untitled boxes (1966)



Ellsworth Kelly: *"Orange and Green"* (1966)

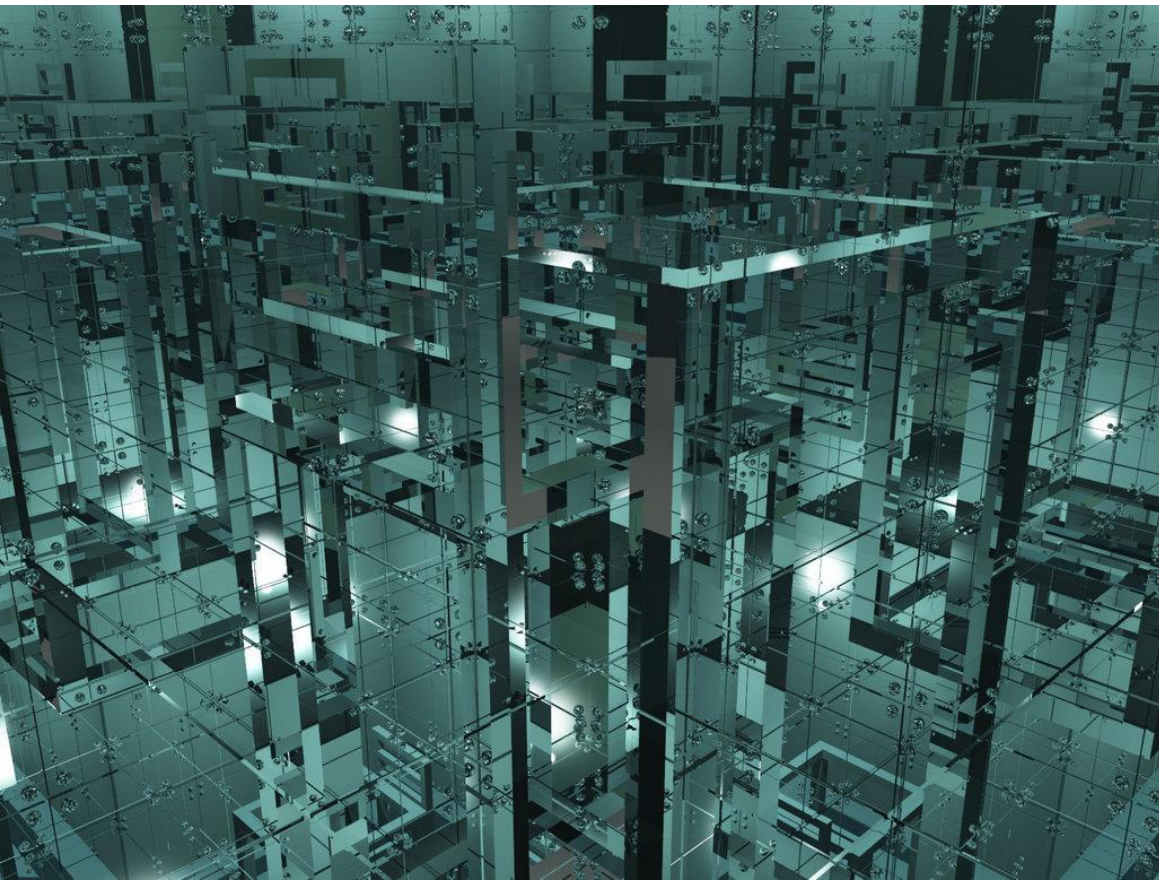


Frank Stella

# 1966

## Environmental Sculpture

Lucas Samaras (1936): mirrored rooms



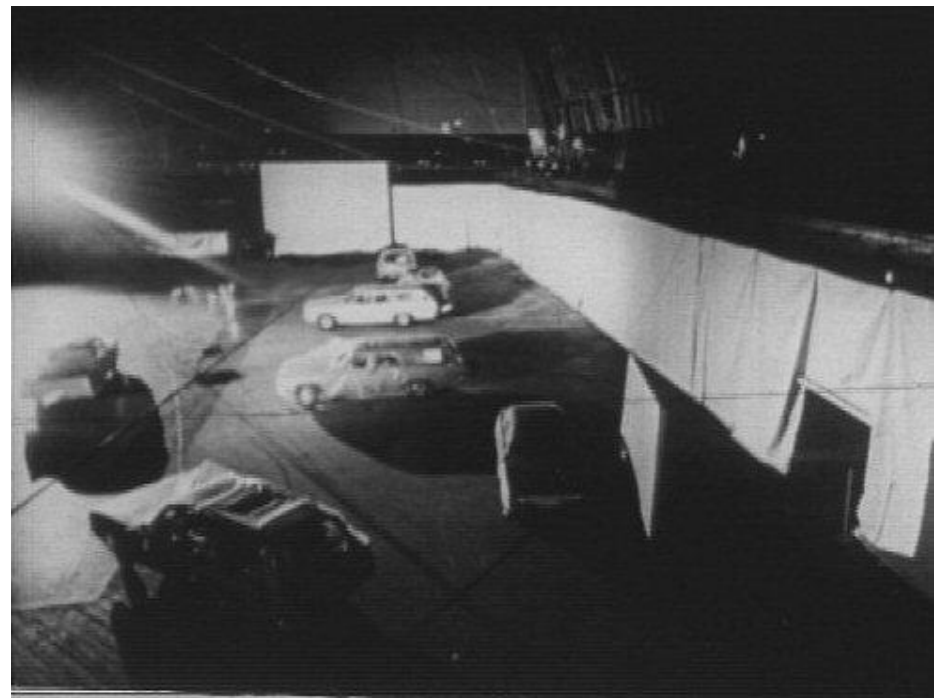
1966

# 1966

## Conceptual Art

Robert Whitman (1935, USA)

Theater pieces that combine video and live actors



"Two Holes of Water- 3" (1966): videos and closed-circuit television projections of live performances projected from seven cars

# 1966

Body Art

Bruce Nauman (1941)



“Self Portrait as a Fountain” (1966)

# 1966

European Pop Art

David Hockney (1937, Britain)



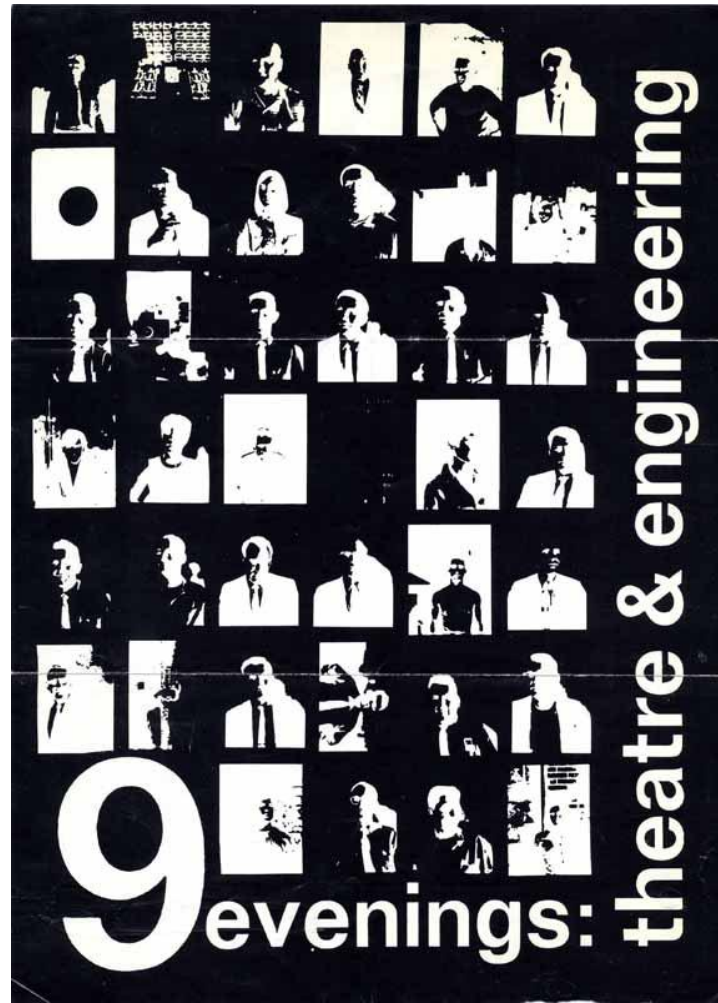
“Portrait of Nick Wilder” (1966)

# 1966

“9 Evenings of Theatre and Engineering”  
with 10 artists and 30+ engineers



Billy Kluver



# 1966

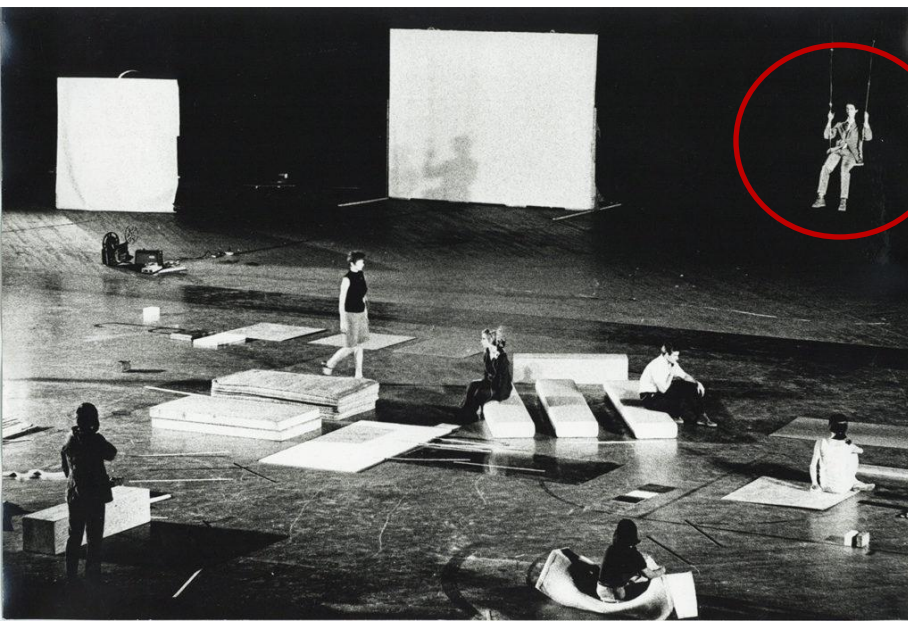
## “9 Evenings of Theatre and Engineering”



Robert Rauschenberg's  
"Open Score"



John Cage's "Variations VII" for 10  
telephones and intercepted radio waves



Yvonne Rainer:  
"Carriage Discreteness"  
for remote-controlled  
dancers

Alex Hay: "Grass  
Field", music generated  
by brainwaves and body  
movements



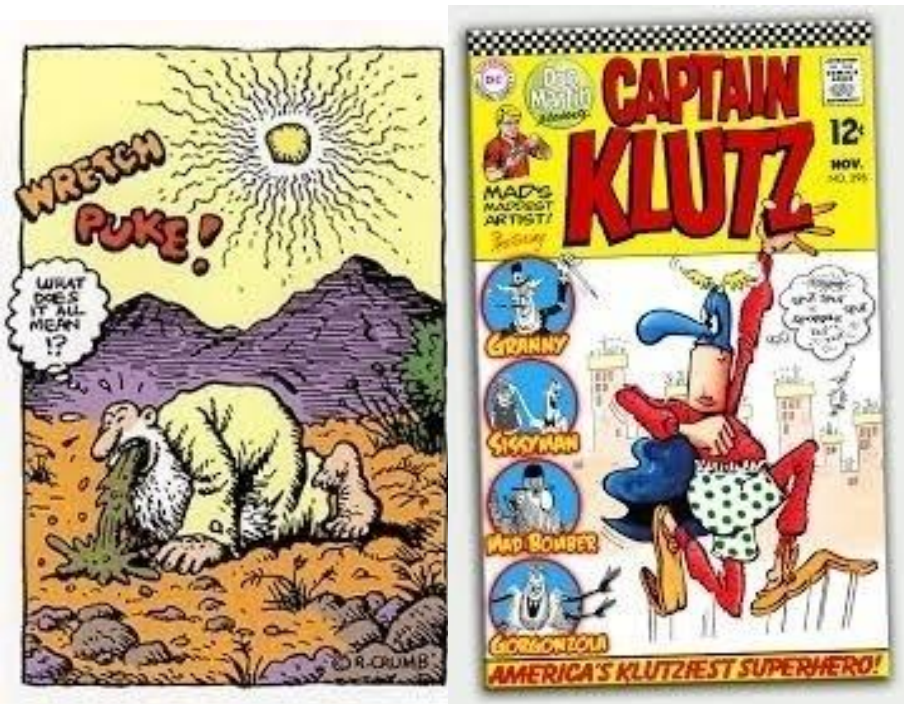
# 1966

## Comics

Mr Natural (1965, Robert Crumb)

Captain Klutz (1967, Don Martin)

Tadanori Yokoo (1966)



# The Space Age

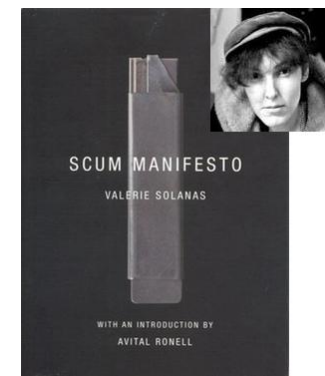
1967: Racial riots in Newark and Detroit

1967: Che Guevara is assassinated



1967: radical feminist Valerie Solanas' SCUM Manifesto: "to overthrow the government, eliminate the money system, institute complete automation and eliminate the male sex."  
(SCUM = Society for Cutting Up Men)

1967: Rolling Stone magazine



# 1967

## Cinema

Arthur Penn: "Bonnie  
And Clyde"

Mike Nichols: "The  
Graduate"



# 1967

## Cinema

Miklos Jancso (Hungary)

Dusan Makavejev (Serbia)

"Silence and Cry"



"Love Affair"





1967

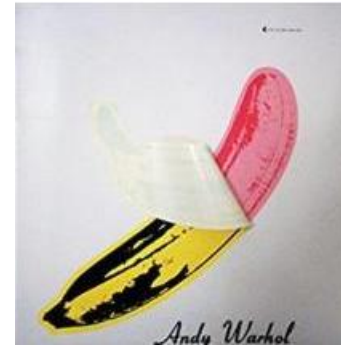
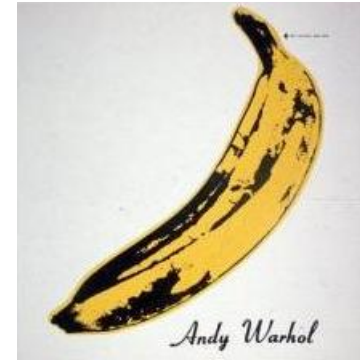
Velvet Underground & Nico (january)

The Doors (january)

*The End* 11:41 = Theater  
(Oedipus complex) + Freud + raga  
+ noise ...



*"...we can only lose and our love become a funeral pyre" ("Light my Fire")*





# 1967

## Prequel to the Summer of Love

July 1965: DJ “Big Daddy” Tom Donahue opens the Mothers Club

Dec 1965: Bill Graham runs the Fillmore

Oct 1965: the Family Dog rents the Longshoremen’s Hall

Dec 1965: Jerry Garcia’s band renames itself the Grateful Dead

Jan 1966: the Pranksters hold the Trips Festival

Apr 1966: Chet Helms runs the Avalon

July 1966: the Diggers

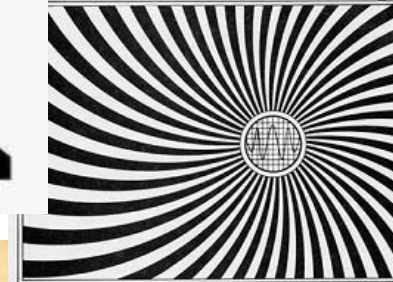
Sep 1966: Allen Cohen publishes the San Francisco Oracle

THE WORLD’S BIGGEST  
DISC JOCKEY SHOW!

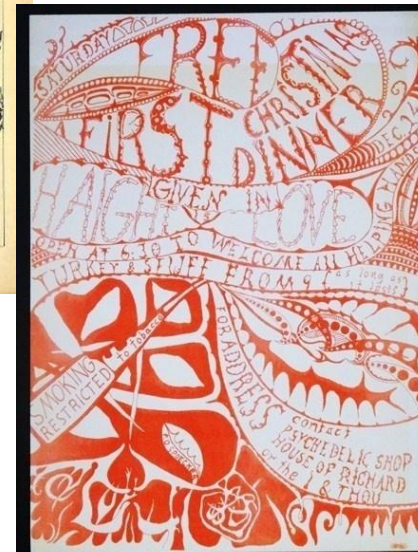


TOM DONAHUE

**TRIPS  
FESTIVAL**



LONGSHOREMEN'S HALL  
(400 NORTH POINT)  
JANUARY 21-22-23  
8 TO 12 PM  
(SEE OTHER SIDE)





# 1967

## Summer of Love

Jan 1967 "Human Be-In"

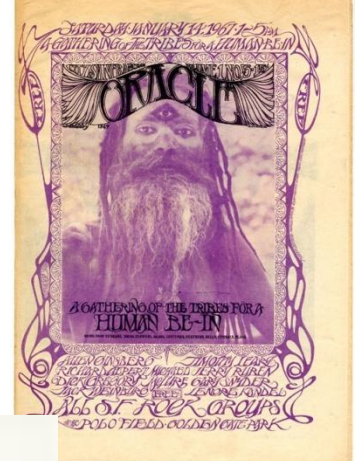
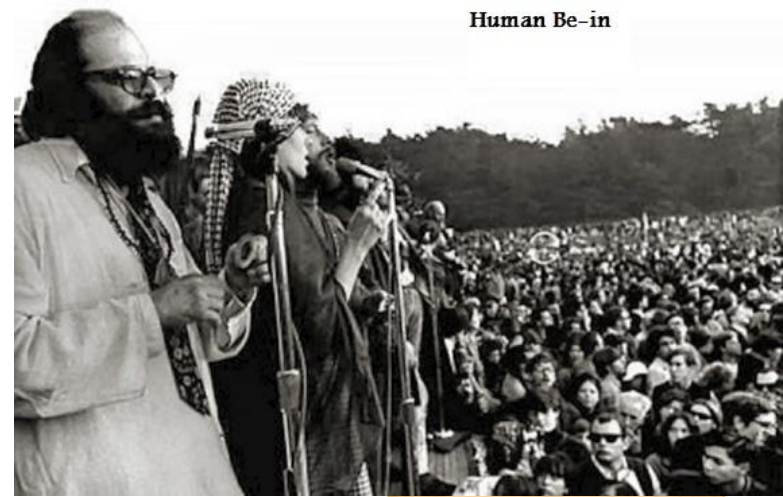
Feb 1967: The Jefferson Airplane's "Surrealistic Pillow"

Mar 1967: The Grateful Dead's first album

May 1967: Tom Donahue and FM 107 KMPX

June 1967: Monterey Festival

Oct 1967: "Death of the Hippie" march

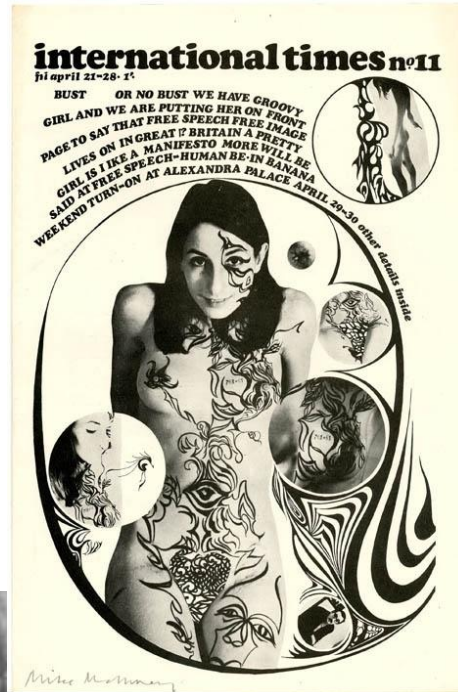
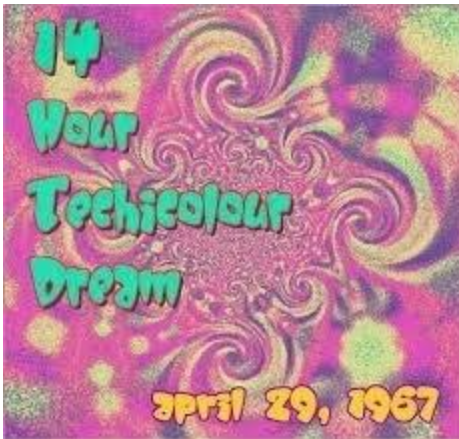


**FM 107 KMPX**  
**Tom Donahue**  
**Friday, May 5, 1967**



# 1967

40 psychedelic bands perform at the "14 Hours Technicolour Dream" in London



# 1967

## Acid-rock

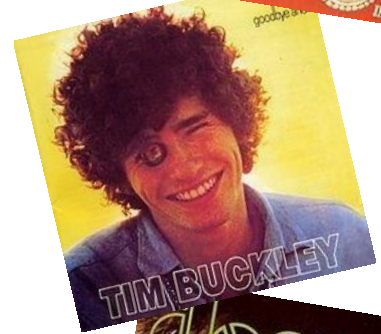
Jefferson Airplane: *Somebody to Love*  
and *White Rabbit*

Holy Modal Rounders: *Indian War Whoop*

Tim Buckley: *Phantasmagoria in Two*

Doors: *Light my Fire*

Scott McKenzie: *San Francisco (Be Sure  
to Wear Some Flowers in Your Hair)*



# 1967

## Acid-rock

The Jefferson Airplane: *Spare Chaynge*

Pink Floyd: *Interstellar Overdrive*

Doors: *The End* **INSTRUMENTAL**

Jimi Hendrix: *Third Stone from the Sun*

Red Crayola: *Free Form Freak-Out*

Captain Beefheart: *Mirror Man* 15:46

9:12

9:41

11:41

6:50

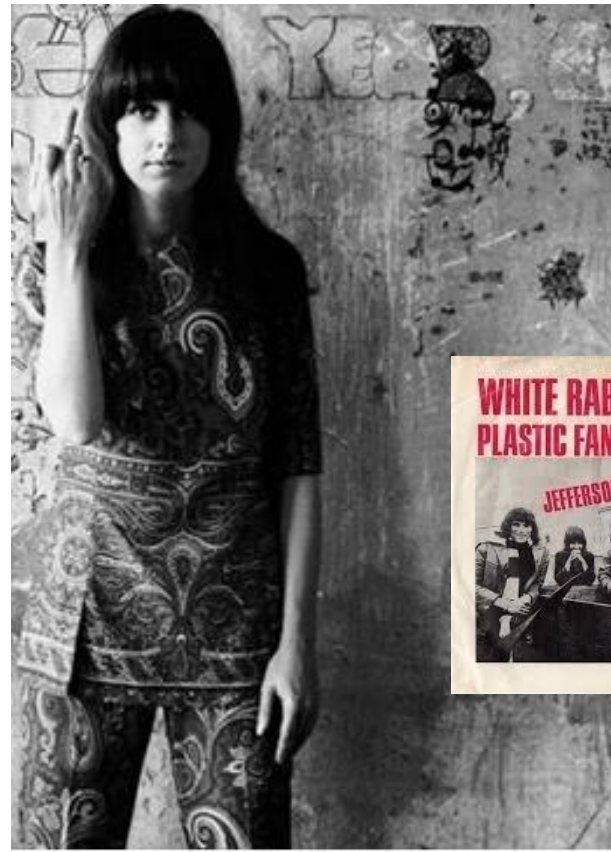


# 1967

## Janis Joplin vs Grace Slick

A white girl from Texas, singing the blues

A white middle-class girl from private all-girls school in Palo Alto



# 1967

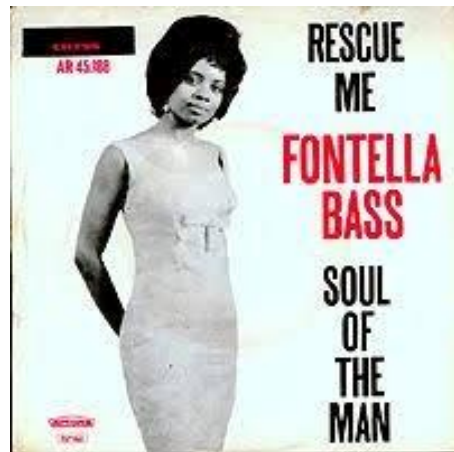
Angry young women of Soul Music

Nina Simone

Fontella Bass

Aretha Franklin

Tina Turner



# 1967

## Avantgarde

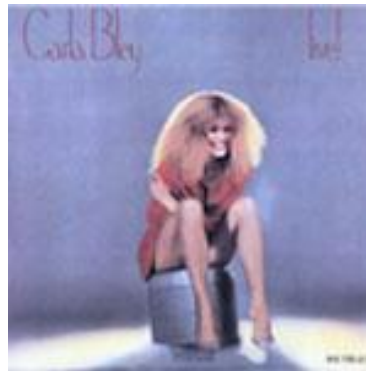
Morton Subotnick's free improvisation on synthesizer *Silver Apples of the Moon*



## Jazz

Sun Ra: *Atlantis*

Gary Burton: *A Genuine Tong Funeral*—  
Carla Bley



# 1967

Painting

Werner Tuebke (Germany)



"Reminiscence of Judge Schulze"

# 1967

Painting

Werner Tuebke (Germany)



"Reminiscence of Judge Schulze"

1967

Painting

Werner Tuebke

"Reminiscence of Judge  
Schulze"



# 1967

Painting

Taro Okamoto (Japan)



"Myth of Tomorrow" (1967)



# 1967

Sculpture

Barnett Newman (1905)

“Broken Obelisk” (1967)



# 1967

Light Sculpture

Dan Flavin (1933, USA)



“Alternating Pink and Gold” (1967)

# 1967

## Multimedia shows

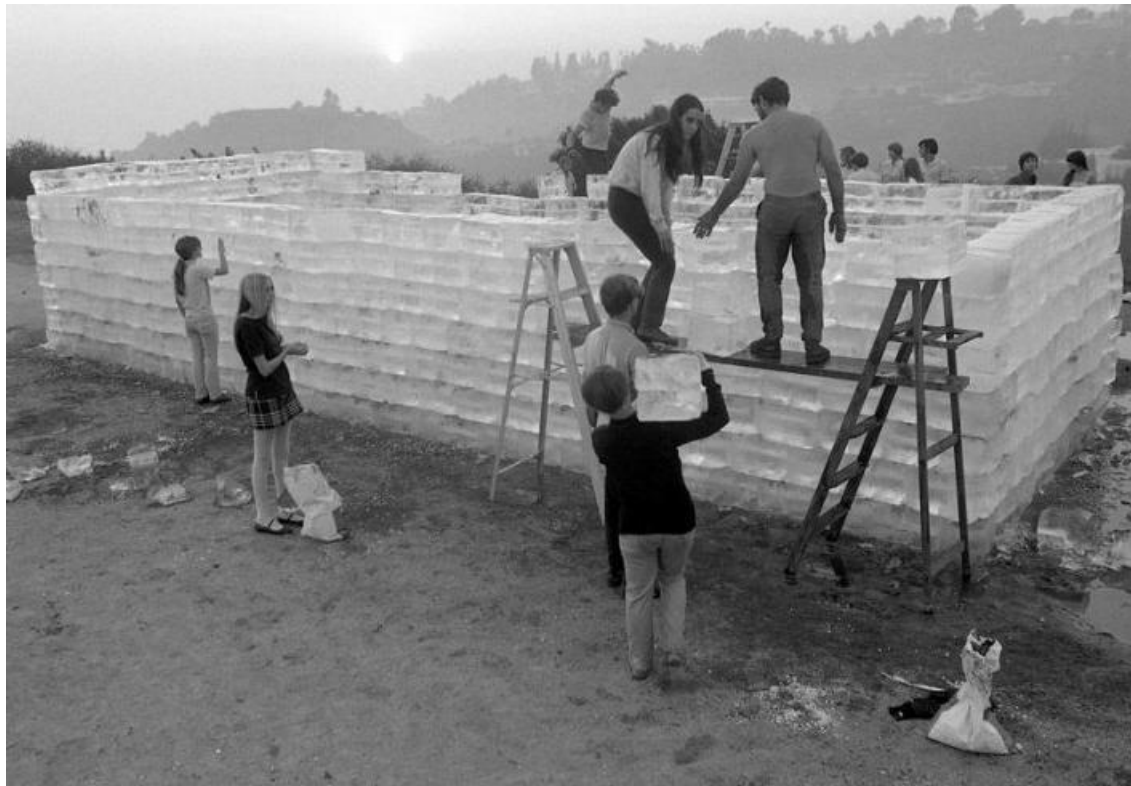
1967: Multi-screen extravaganzas  
Roman Kroitor's "*In the Labyrinth*"  
and Graeme Ferguson's "Polar  
Life" (the film itself moved from  
screen to screen inside a revolving  
theater) at Montreal's Expo 67

1967: IMAX (Roman Kroitor and  
Graeme Ferguson) with a giant  
spherical screen



# 1967

Happening: Allan Kaprow's "Fluids" that leaves absolutely nothing behind (the community builds huge ice structures that melt)



# 1967

Ballet

Lindsay Kemp: "Pierrot in Turquoise"



# 1967

## Montreal's Expo 67



# 1967

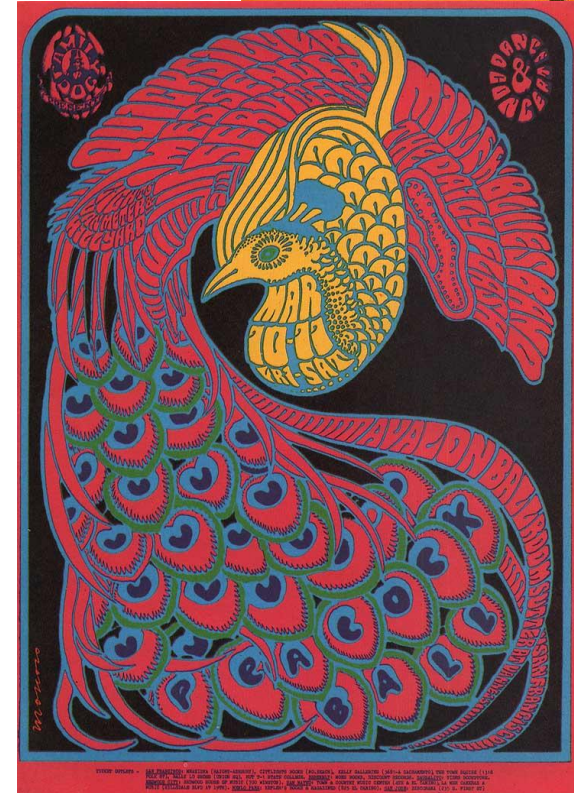
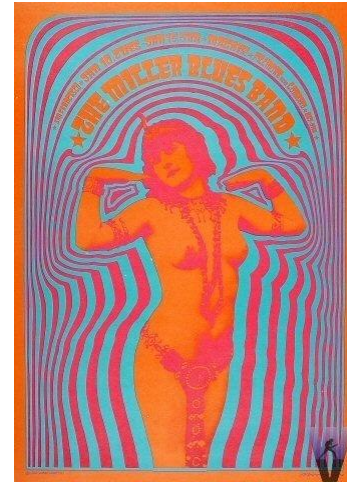
## Graphic Design

Poster craze because of social activism and  
psychedelia

Victor Moscoso

Peter Max Finkelstein

Wes Wilson



# 1967

## Philosophy

Guy Debord: *"The Society of the Spectacle"*

Jacques Derrida: *"Grammatology"*

Arthur Koestler: *"The Ghost in the Machine"*



# What drives Taste

Public taste changed dramatically

What caused the change?

The composer or the audience?

A new taste for music eventually  
drove the change in what music  
was released

# The Space Age

1968: The Soviet Union invades  
Czechoslovakia

1968: My Lai Massacre



# The Space Age

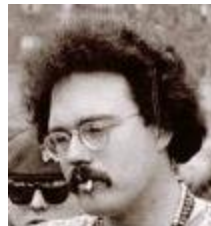
1968: Bob Kennedy is assassinated

1968: Tommie Smith protests the US anthem

1968: Abbie Hoffman and Jerry Rubin (New York via Berkeley): Youth International Party (yippies)

1968: John Sinclair & White Panther Party (Detroit)

**RFK DEAD**



Jerry Rubin

Abbie Hoffman

# The Space Age

1968: Riots in more than 100 cities following the assassination of Martin Luther King



## DR. KING FATALLY SHOT BY ASSASSIN IN MEMPHIS

U.S. Shocked, Saddened  
by Slaying, Johnson Says

Message Is Given Nation  
After Assassination

WASHINGTON (AP) — President Johnson spoke Thursday night of an "American shock and sadness" to the nation's reaction to the assassination of Dr. Martin Luther King as he condemned violence, lawlessness and lawlessness.

In a brief message to the nation via television and radio, Johnson declared that he understood the nation's grief Thursday night, postponing a trip to Hawaii for the closing of the day. Dr. King was shot in Memphis.

Johnson said he had been scheduled to leave for Hawaii at midnight, but he will now remain in Washington.

"We have been shocked," Johnson said, "and we are shocked in radio and television. It is not every time that we have such a great loss."

"I ask every American citizen," he said, "to reject the blind violence that has struck down Dr. King, who lived for peace and understanding in the land and all."

"The President urged greater peace and understanding in the land and all."

"We can achieve nothing by lawlessness and disorder among the American people."

At that point he said he would be leaving for Hawaii, but he would be returning to the United States to attend the funeral of Dr. King.

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DR. MARTIN LUTHER KING  
Killed by Gunman

King: Been to Mountaintop  
No Matter What Happens

NEGROES SMASH  
AUTO WINDOWS

Dead Day Later

By JAY BOWLES

MEMPHIS, Tenn. (AP)—It is only seven months since the assassination of Dr. Martin Luther King Jr. in Memphis, and the city is still reeling from the shock of his death.

As word of King's death spread through the crowd, a

Police said incidents of violence, including several 11-a bombings were reported following King's death.

The 10th United States Peace Officer was standing on the balcony of his motel here, where he had come to lead police in a

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# The Space Age

1968: Riots at the Democratic National Convention

Chicago Eight: Jerry Rubin, Tom Hayden, Bobby Seale, etc



# The Space Age

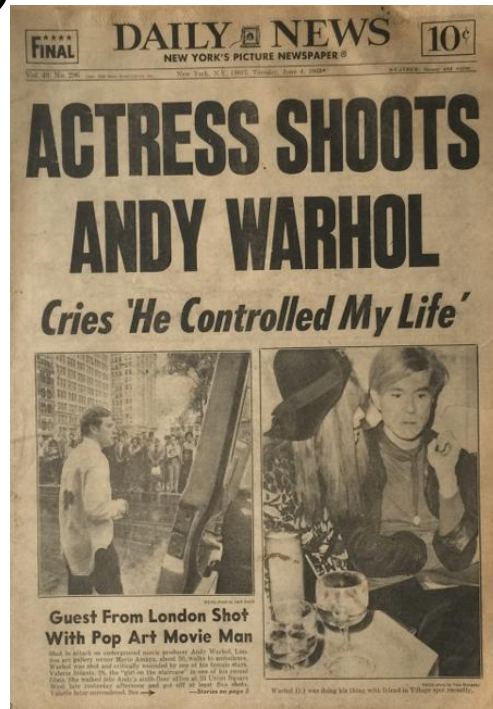
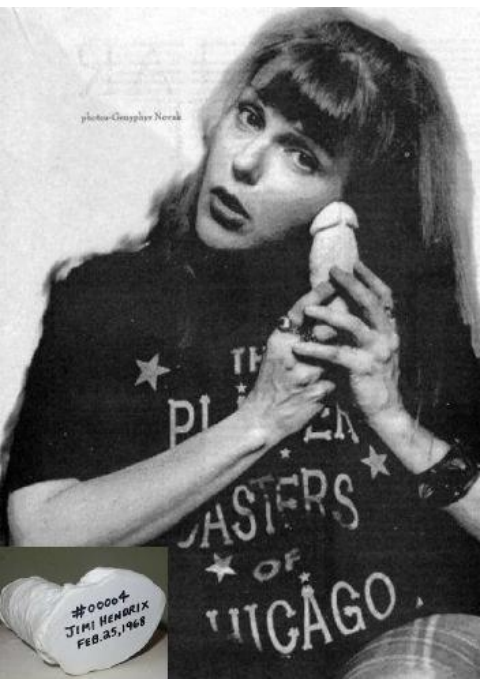
1968: Student riots in France, Germany, Italy



# The Space Age

## New York Counterculture

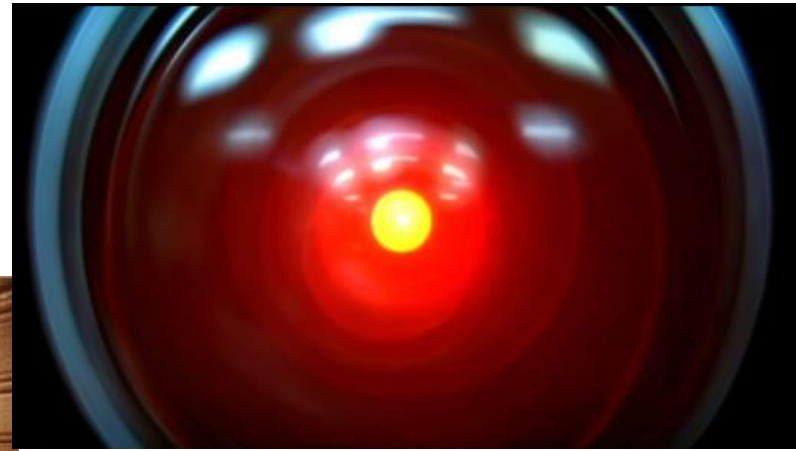
- Cynthia "Plaster Caster" Albritton, a groupie casting penises of rock musicians (1968)
- Andy Warhol is shot by Valerie Solanas (June 1968)
- Screw Magazine (November 1968, Al Goldstein and Jim Buckley)



# 1968

Cinema

Stanley Kubrick



"2001 A Space Odyssey"



# 1968

## Cinema

George Romero: "Night of the Living Dead"

Franklin Schaffner: "Planet of the Apes"



# 1968-69

Cinema/ Britain

Richard Lester: "Petulia"

Ken Loach: "Kes"

Lindsey Anderson: "If"

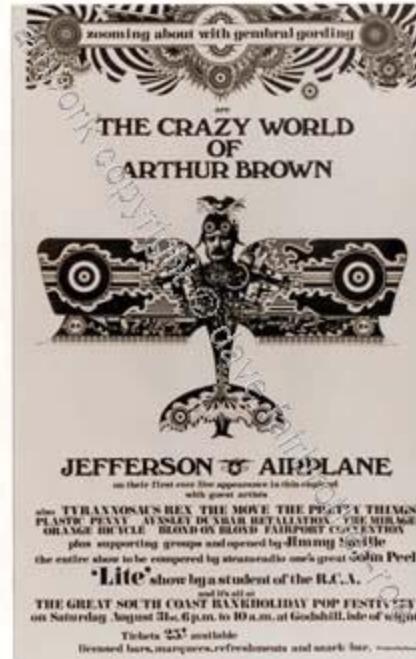
John Schlesinger: "Midnight Cowboy"



# 1968

The rock musical "Hair"

The first Isle of Wight festival



# 1968

Velvet Underground: *White Light/White Heat*

*Sister Ray* - 17:28

Pink Floyd: *A Saucerful of Secrets*

*A Saucerful of Secrets* - 11:57

Jimi Hendrix: *Electric Ladyland* (blues, jazz, rock)

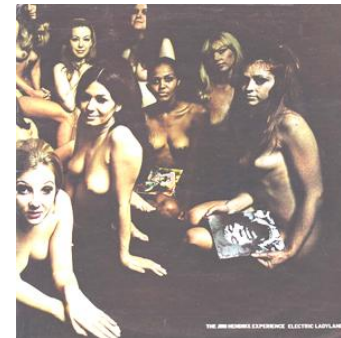
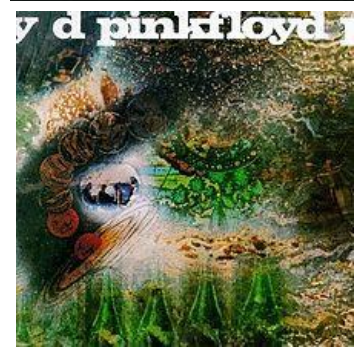
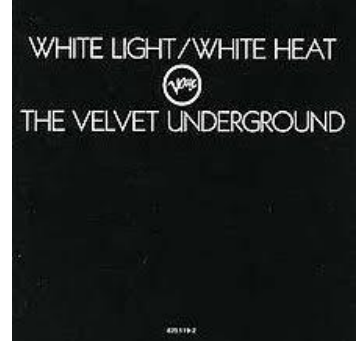
*Voodoo Chile* - 15:01

Van Morrison: *Astral Weeks* (folk, jazz)

*Madame George* - 9:25

Grateful Dead: *Anthem of the Sun*

*Alligator* - 11:20



# 1968

Singer-songwriters

David Peel: *Have a Marijuana*

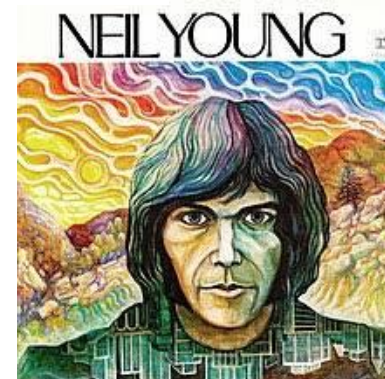
Nico: *Marble Index*

Pearls Before Swine: *Balaklava*

Leonard Cohen

Joni Mitchell

Neil Young



# 1968

Avantgarde music

John Cage and Marcel Duchamp  
playing chess: every chess move  
produces live electronic sound

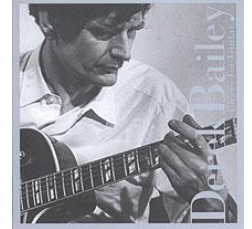


(Note: Duchamp died 7 months later)

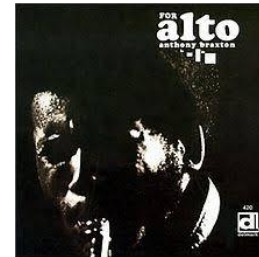
# 1968

## Jazz

Evan Parker and Derek Bailey form the Music Improvisation Company



Anthony Braxton, Leroy Jenkins and Leo Smith form the Creative Construction Company



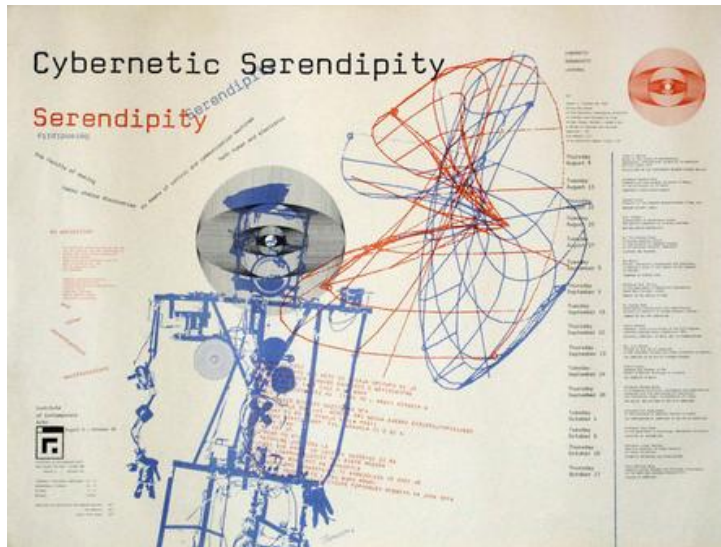
Willem Breuker, Han Bennink and Misha Mengelberg found the Instant Composer's Pool in Holland

Miles Davis employs electric piano and electric guitar for *Miles In The Sky*



# 1968

“Cybernetic Serendipity” exhibition (1968, London) with Norbert Wiener, Karlheinz Stockhausen, John Cage, Gordon Pask, Edward Ihnatowicz, Gustav Metzger, Charles Csurik...



# 1968

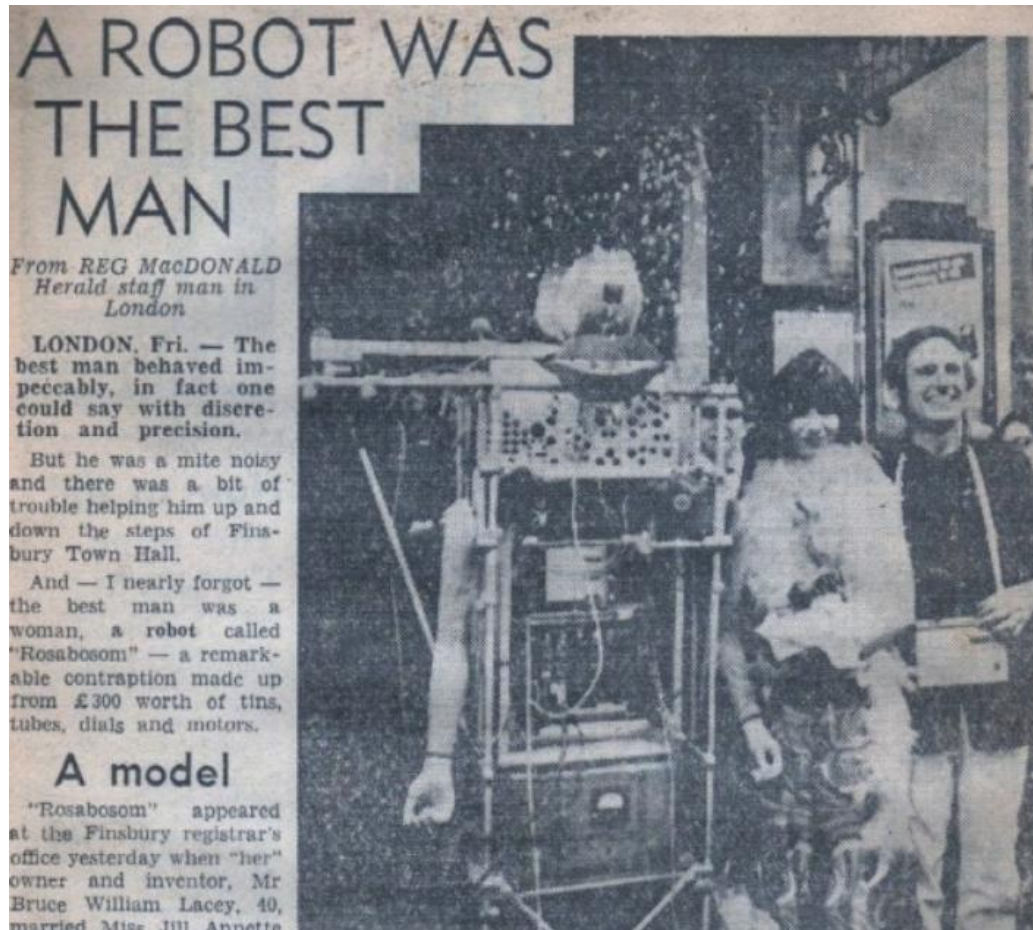
## Cybernetic Serendipity

Gordon Pask: “Colloquy of Mobiles” (1968), a cybernetic installations in which the audience can interact with five machines that communicate among themselves via sound and light

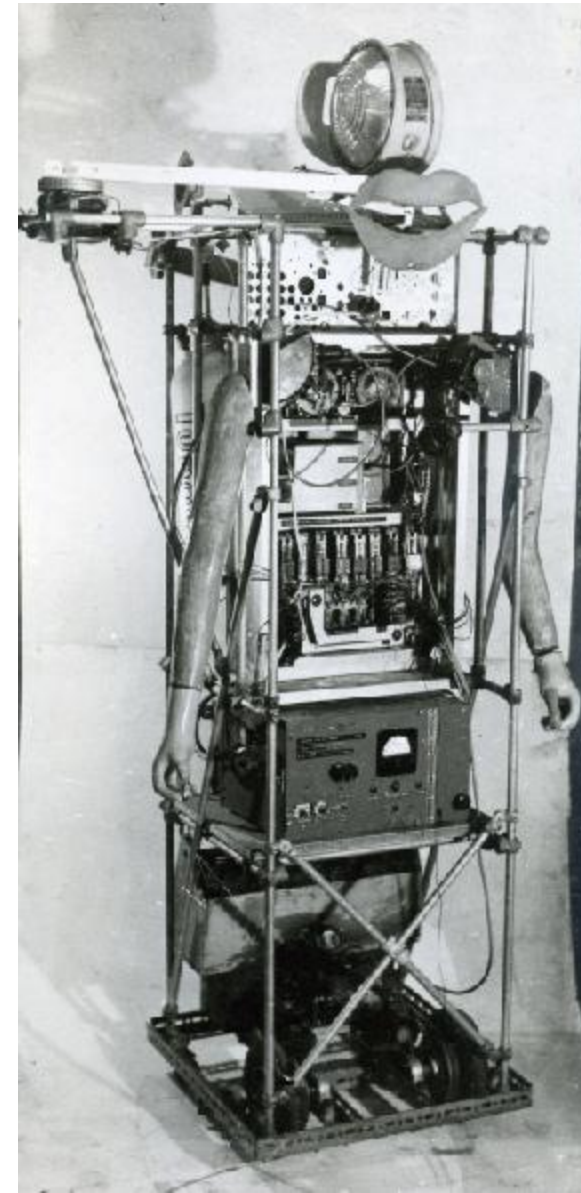


# 1968

## Cybernetic Serendipity

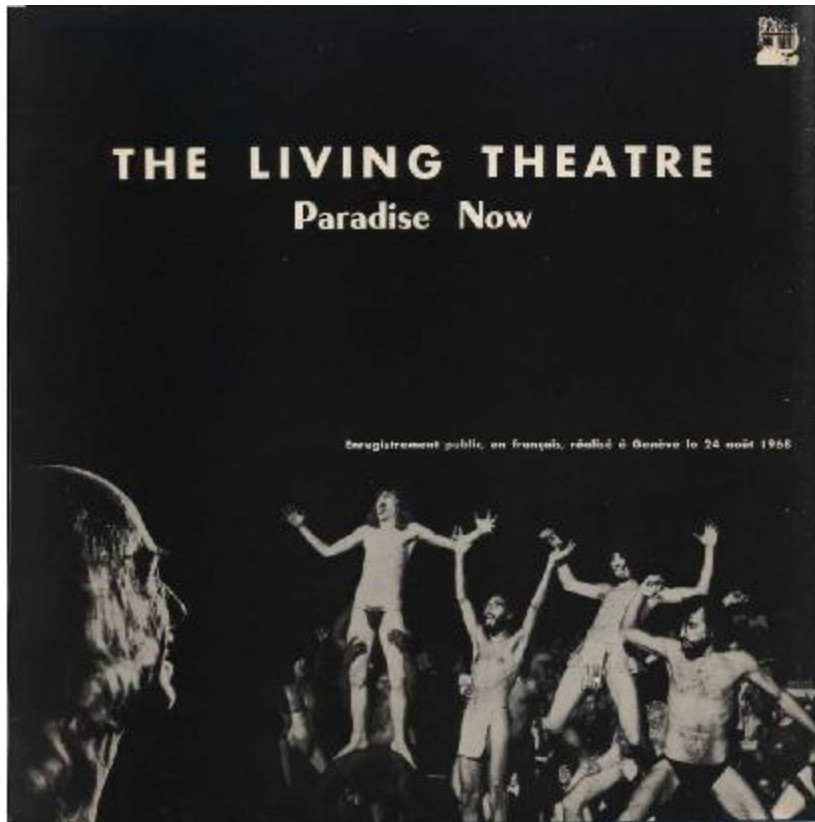


Bruce Lacey: "Rosa Bosom"



# 1968

Living Theatre's "Paradise Now" (1968):  
the actors provoke arguments until the  
audience leaves



# 1968

## Conceptual Art - Dick Higgins (1938, Britain)



"The Thousand Symphonies" (1968): an orchestra plays the score created by the bullet holes that have been shot by a machine gun into compositional

"Symphony No 357"

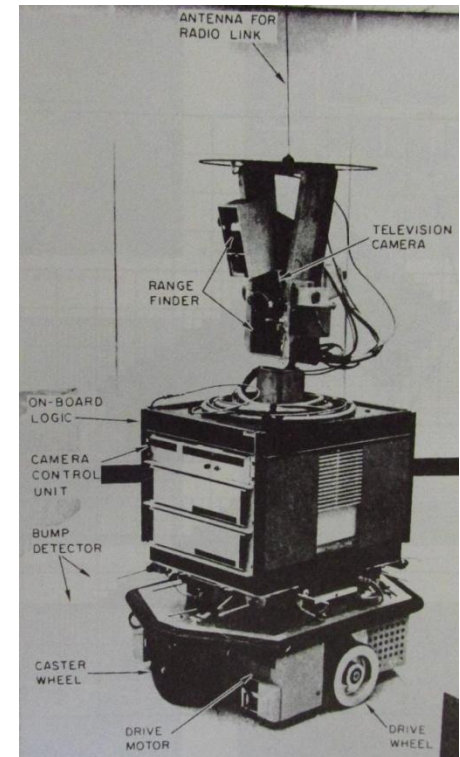
# 1968

Technology/ Silicon Valley

Intel founded

SRI's "Shakey the Robot"

Doug Engelbart's NLS: a graphical user interface and a hypertext system running on the first computer equipped with a mouse and connected to a remote computer (the "mother of all demos")



# The Space Age

1969: Neil Armstrong on the Moon

1969: Nixon's "silent majority"

1969: For the first time, more than 50% of high school graduates go on to college



Baby boomers of the 1940s-50s



# 1969

Cinema

Sam Peckinpah



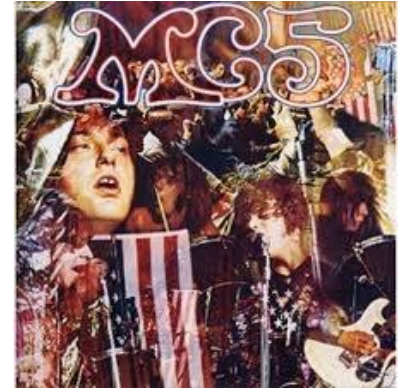
"The Wild Bunch"

# 1969

## Hard rock

Led Zeppelin in Britain

The MC5 and The Stooges in Detroit



## Prog-rock

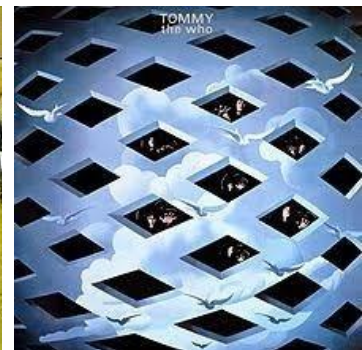
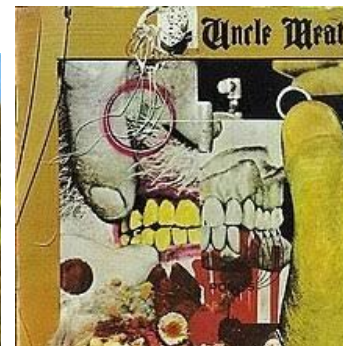
King Crimson: *In the Court of the Crimson King*

Amon Duul: *Phallus Dei*

Colosseum: *Valentyne Suite*

Frank Zappa: *Uncle Meat*

The Who: *Tommy*



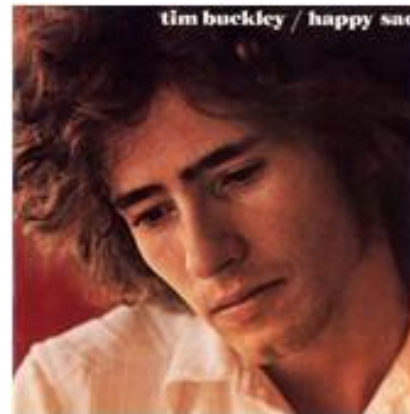
# 1969

Captain Beefheart: *Trout Mask Replica*

Tim Buckley: *Happy Sad* (folk, jazz, rock)

*Love from Room 109 at the Islander* – 10:49

*Gypsy Woman* – 12:19



# 1969



## Jazz

Manfred Eicher founds ECM

Art Ensemble of Chicago

Charlie Haden: *Liberation Music Orchestra*

Pharoah Sanders: *Karma*

Kalaparusha : *Humility In The Light Of Creator*

Dollar Brand: *African Piano*



# 1969

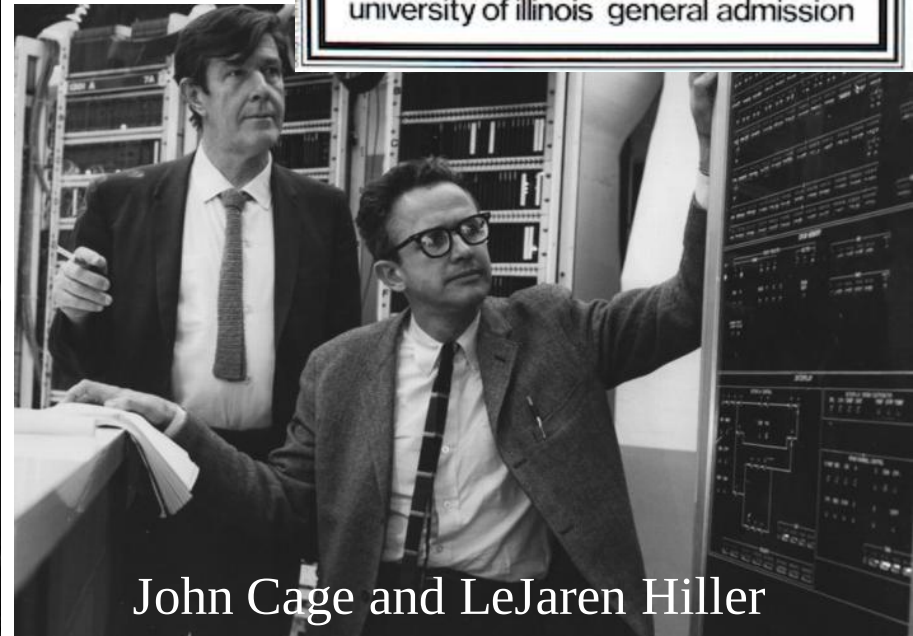
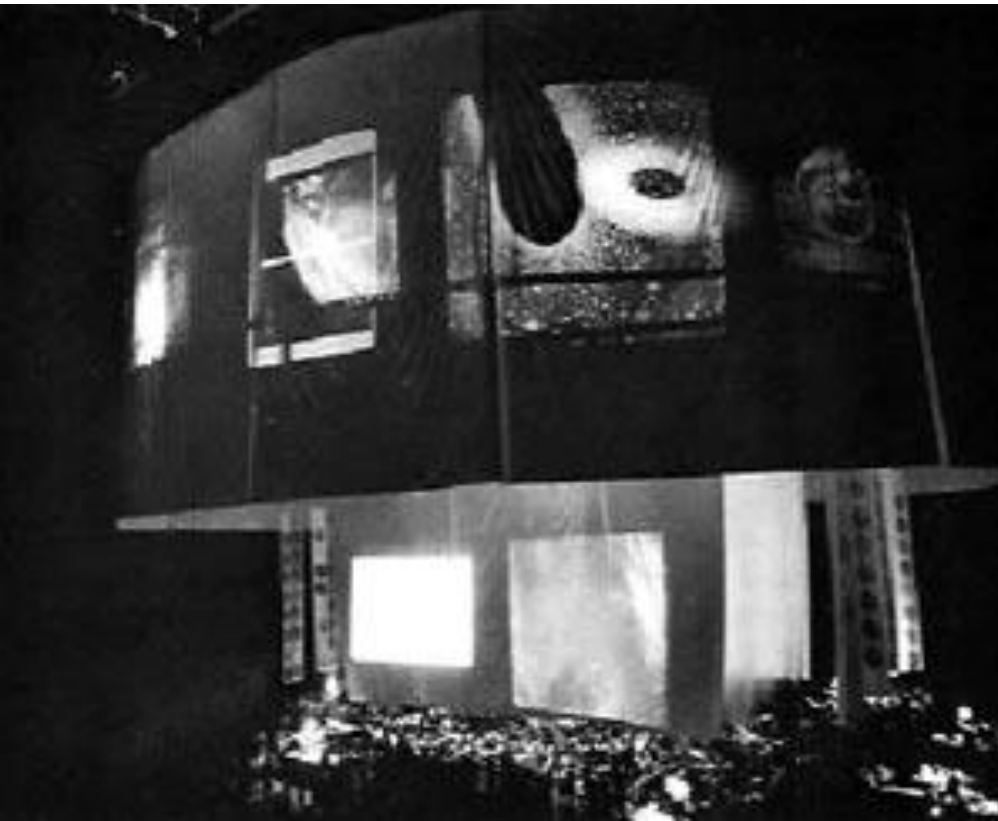
## August: Woodstock



# 1969

Avantgarde music

John Cage and Ronald Nameth: multimedia  
“opera” HPSCHD at the University of  
Illinois: five hours of computer-generated  
sound from 52 loudspeakers plus  
projection of 8000 slides and 100 films



John Cage and LeJaren Hiller

# 1969

Avantgarde music

Karlheinz Stockhausen:

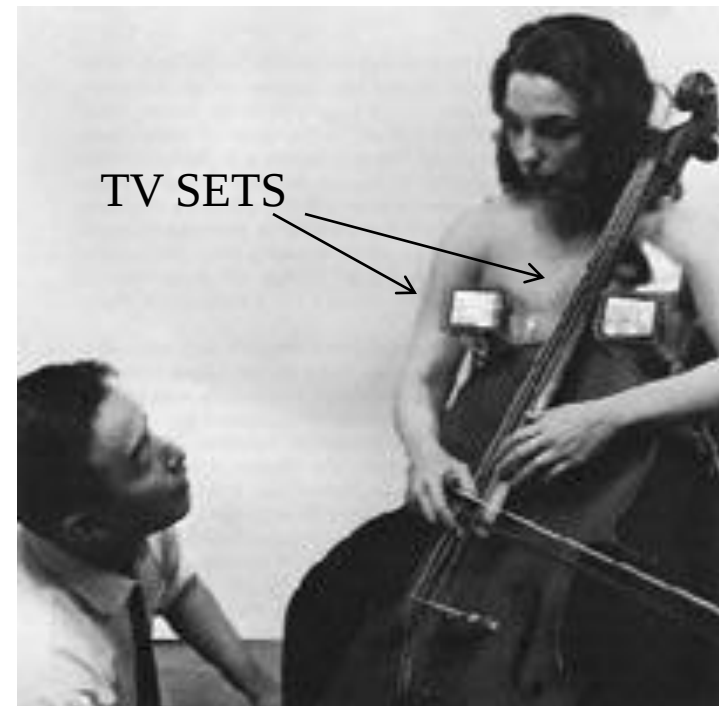
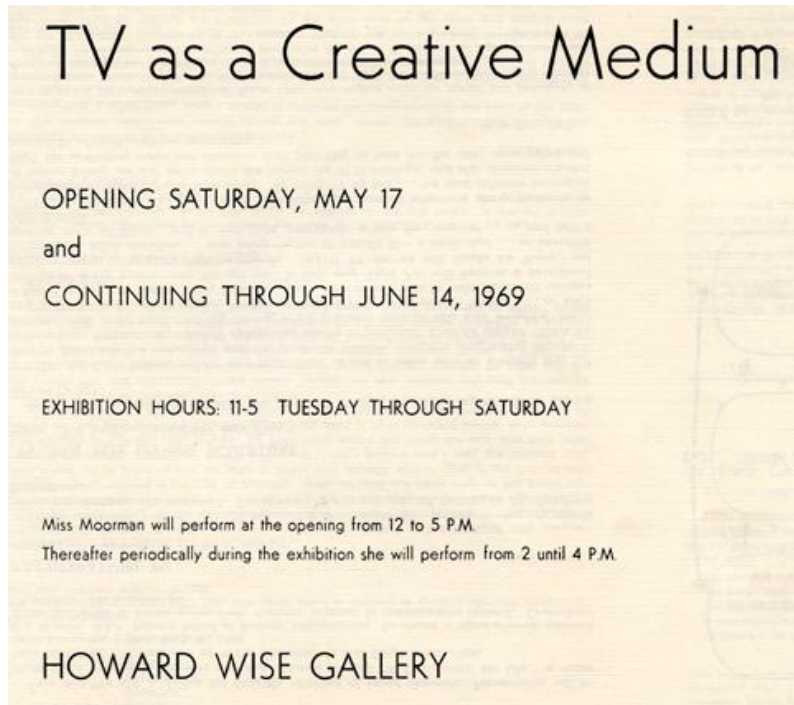
Fresco for four orchestral groups playing in  
four different locations



# 1969

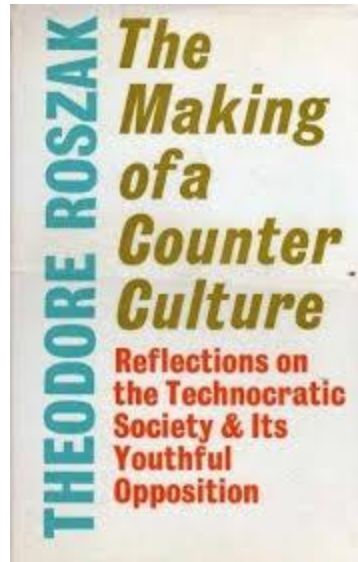
Art

"TV as a Creative Medium" at the Howard Wise gallery in New York



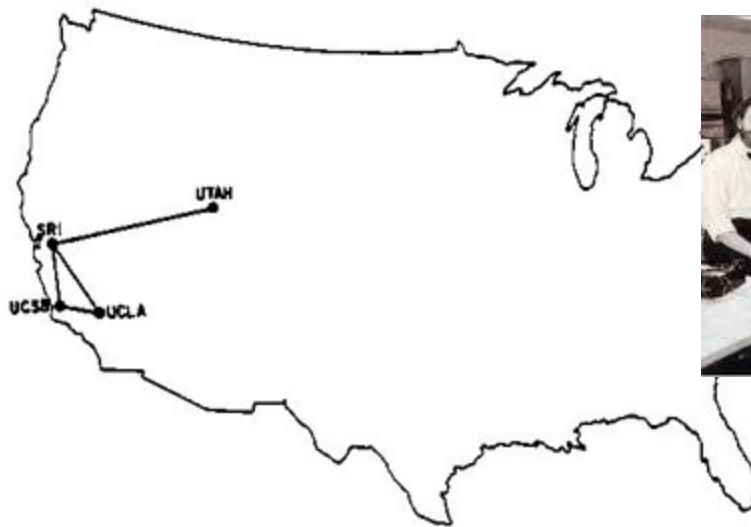
# 1969

Theodore Roszak: "The Making of a  
Counterculture" (1969)



# 1969

## Technology The ARPAnet





# Philosophical appendix

Humans are the only species that changes behavior with every generation

Young people don't like to live the lives that their parents lived

Exponential increase in "rebelliousness" against the "wisdom of the elders"

The creativity loop: a generation's "innovation" becomes the next generation's "tradition" (to rebel against)

# Biological appendix

Emotion vs Reasoning

Emotion is automatic and the same for everybody in every situation

Reasoning is adaptive

But the creativity loop challenges that notion: human instinct seems to be rebellious, creating ever new behavior

Anti-tribalism

Search for a "common currency" across social classes, races, ethnicities, religions, nations

Freedom and Experience

# Poetic Appendix

## Poetry

Sylvia Plath (USA): "Ariel" (1965)

Yannis Ritsos (Greece): "Philoctetes" (1965)

Vittorio Sereni (Italy): "Human Instruments" (1965)

Derek Walcott (Trinidad): "The Castaway" (1965)



Basil Bunting (Britain): "Briggflatts" (1966)

James Merrill (USA): "Nights and Days" (1966)

Philip Whalen (USA): "High Grade" (1966)

Seamus Heaney (Ireland): "Death of a Naturalist" (1966)

John Ashbery (USA): "Rivers and Mountains" (1966)



# Poetic Appendix

## Poetry

Paul Celan (Germany): "Atemwende" (1967)

Gary Snyder (USA): "Mountains and Rivers without End" (1967)

Edward Brathwaite (Barbados): "Rights of Passage" (1967)

Octavio Paz (Mexico): "White" (1967)



Louis Zukofsky (USA): "A" (1968)

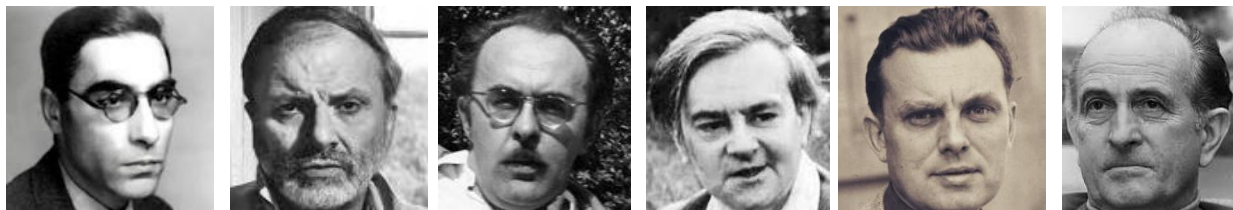
Geoffrey Hill (Britain): "King Log" (1968)

Charles Olson (USA): "Maximus" (1968)

Sandor Weores (Hungary): "Saturn Descending" (1968)

Czeslaw Milosz (Poland): "City Without a Name" (1969)

Miroslav Holub (Czech): "Although" (1969)



# Geopolitical Appendix

During the 1960s the center of the world moved  
west: from Paris-London towards New York  
and then California  
Young men did move west!

# Thank you

