

ISEA2022

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27th International Symposium on Electronic Art
Barcelona 10-16 June 2022

#ISEA2022BARCELONA















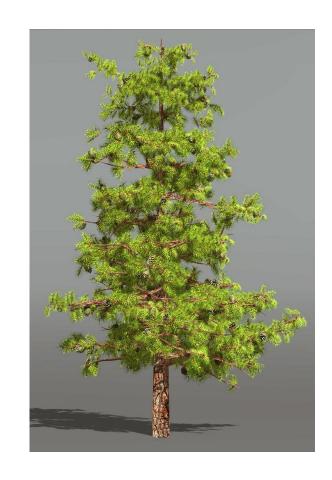


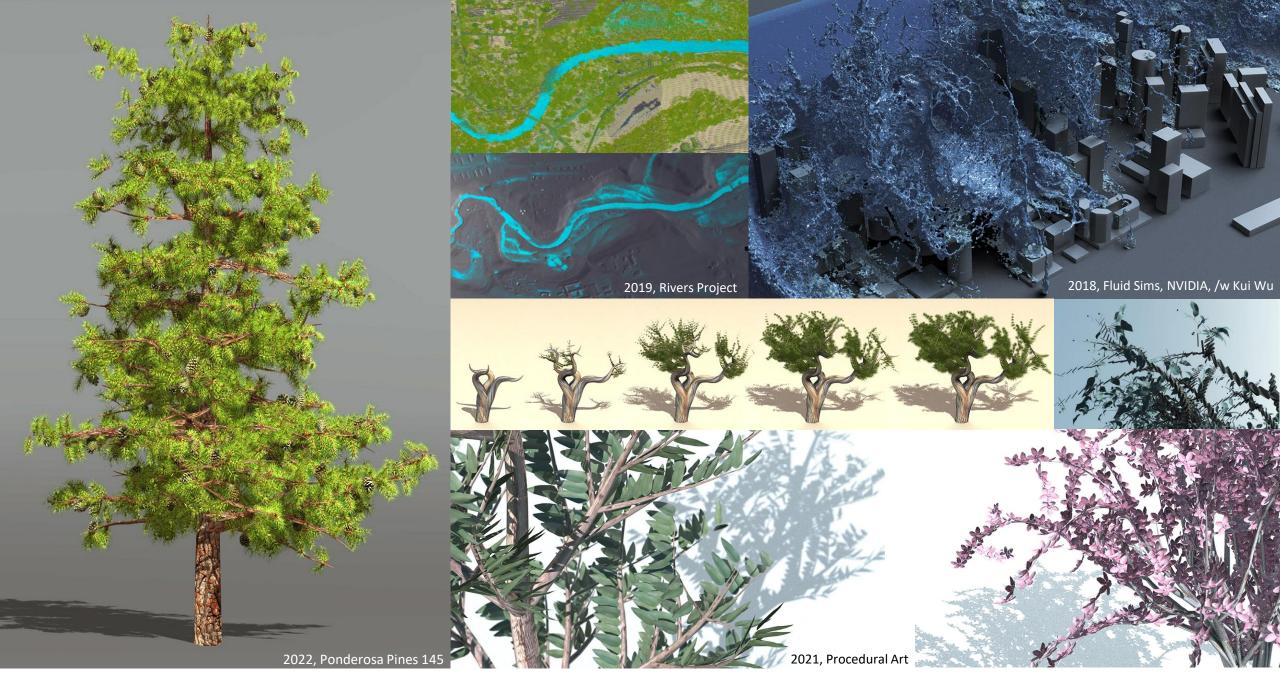






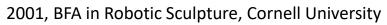
Knowledge Cultures in New Media Art Rama Hoetzlein





Rama Hoetzlein, Knowledge Cultures in New Media Art







2004, Energy & Entropy, UC Santa Barbara



2011, Ecoplayer, Copenhagen Zoo, Medialogy Aalborg



2001, BFA in Robotic Sculpture, Cornell University



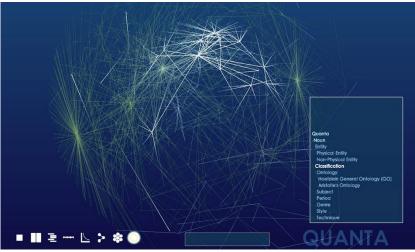
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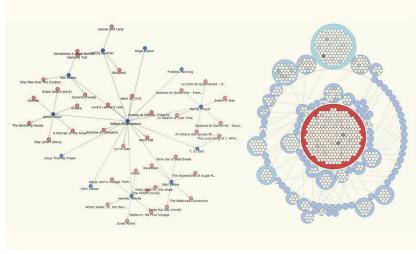
2011, Ecoplayer, Copenhagen Zoo, Medialogy Aalborg



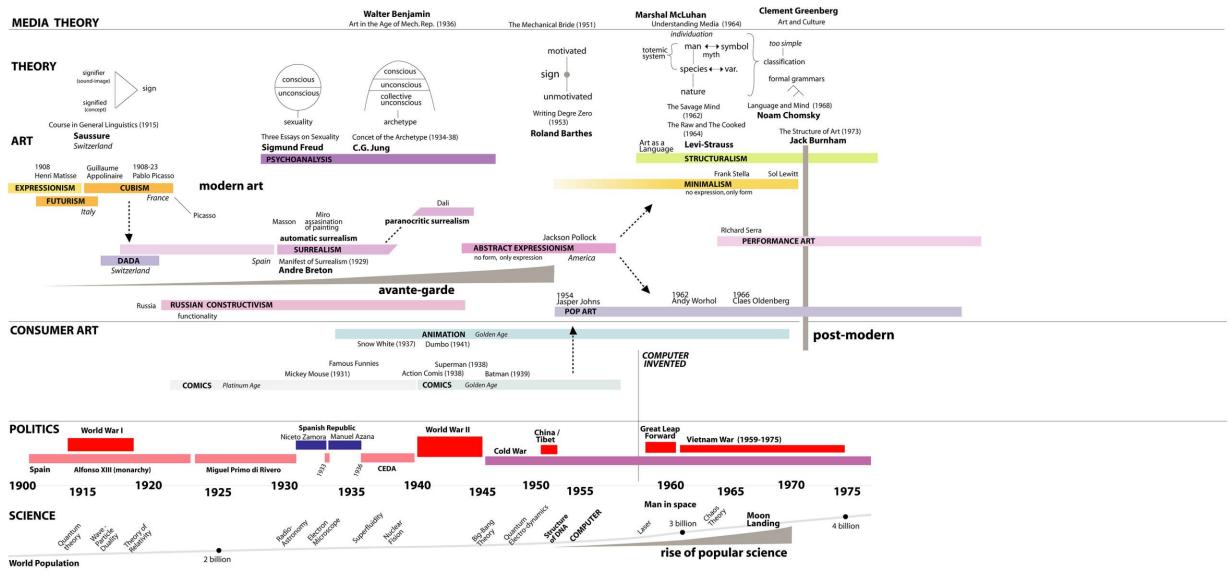
2005, Making Visible the Invisible, Seattle Public Library, George Legrady



2007, Quanta, Masters Thesis, Media Art & Technology, UC Santa Barbara



2010, RoSE, Research Oriented Social Environment Co-director /w Alan Liu, Digital Humanities



Timeline of 20thc. Art and New Media

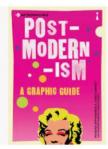
Rama Hoetzlein (c) 2009-2010 http://www.rchoetzlein.com



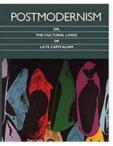








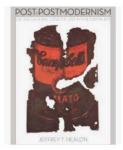
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Cultural Logic of Late Ca...



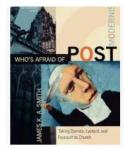
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Post-Postmodernism: or... sup.org



Modernism/Postmodern... routledge.com · In stock



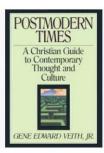
Taking Derrida, Lyotard ... amazon.com



Explaining Postmodernis.. amazon.com



Fashion, Dress and Pos... bloomsbury.com



Postmodern Times: A ... amazon.com



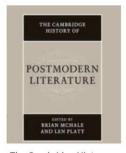
Short Introduction by C... goodreads.com



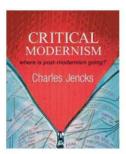
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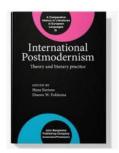
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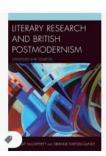
The Cambridge History ... cambridge.org



Critical Modernism: Wh... wiley.com



International Postmod.. benjamins.com



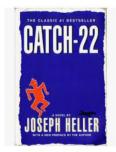
Literary Research and ... rowman.com



Postmodernism or the ... goodreads.com



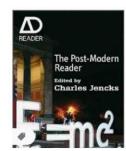
The Story of Post-Modernism... target.com · In stock



Top 10 Works of Post... listverse.com



Amazon - The Language ... amazon.com



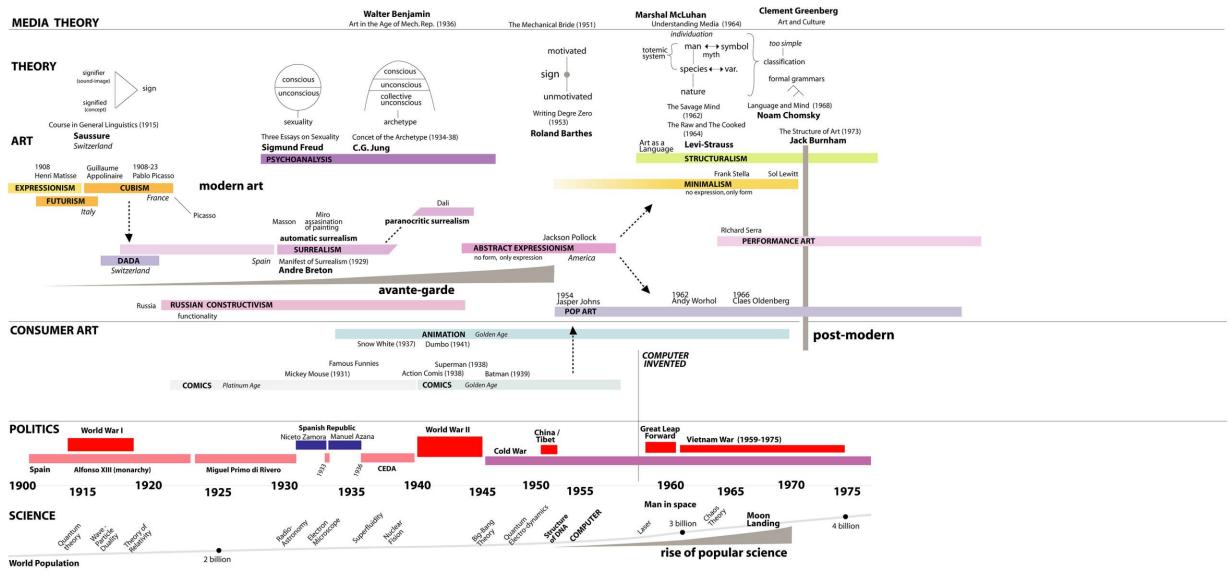
The Post-Modern Read... bookdepository.com · In s...

Jean-François Lyotard

"Simplifying to the extreme, I define postmodern as incredulity toward metanarratives. This incredulity is undoubtedly a product of progress in the sciences: but that progress in turn presupposes it."

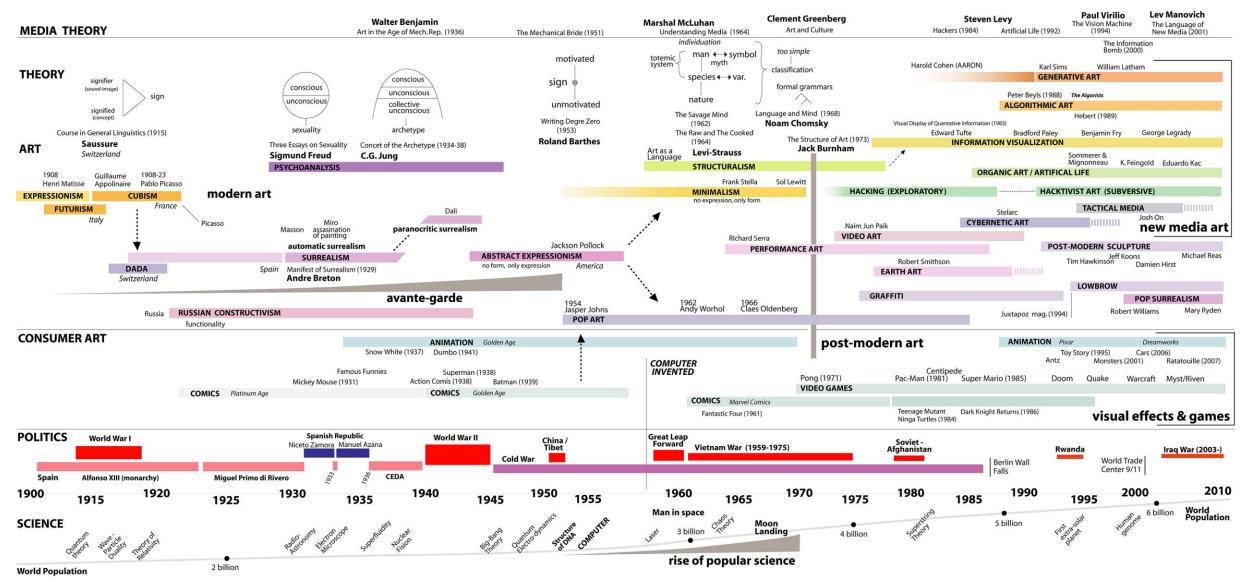
- The Postmodern Condition (1979)

What narrative is undone? The narrative promise of modernism.



Timeline of 20thc. Art and New Media

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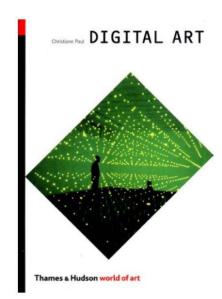
Perhaps meta-narra	atives are no longe	r linear; but they a	are not absent.

I. Cultures of Practice

Based on media and forms of practice

- Video games
- Generative art
- Information art
- Internet art
- Virtual worlds
- Social media

Ideology varies widely, often implicit in making.



Christiane Paul, Digital Art Thames & Hudson © 2003



Lev Manovich, Language of New Media MIT Press © 2001

II. Social or Explicit Cultures

• Ecological art

"Ecological art is purposeful and often prescriptive: the intended actions and directions for activists are clear." (Ellison & Borden)

• Feminist art

"[feminist art] is neither a style nor a movement but instead a value system, a revolutionary strategy, a way of life" (Lippard)

• Hacktivism

Ideology is explicit.

Def. Knowledge Cultures

I define knowledge cultures as flexible, over-lapping, non-exclusive, ideological sub-groups and seek to identify their explicit, hidden or shared **ideological** principles.

III. Technological Cultures

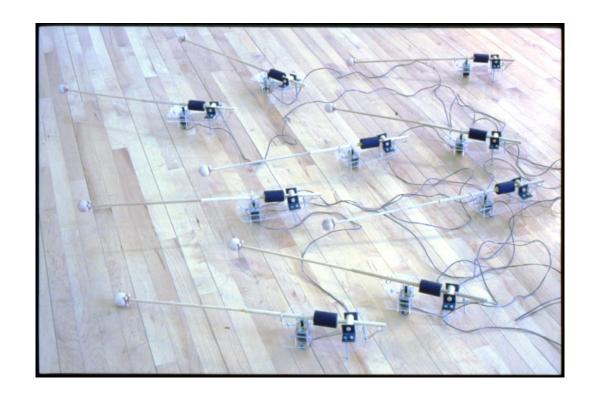
• Techno-philic

embrace technology as playing a prominent, positive role in the world

- Techno-critical appreciate technology while also reflecting on its challenges and implications
- Techno-phobic against technology; opposed to its global impacts

Ideologies based on ones' outlook toward technology.

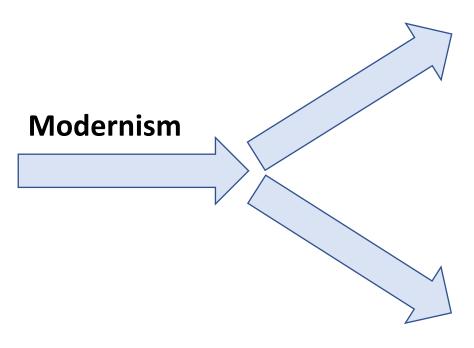
What are the deeper ideological cultures in Art?





2001, Creatures, Robotic Sculpture, R.Hoetzlein

2020, Naturalist Family Crest, Oil on birch panel, R.Hoetzlein



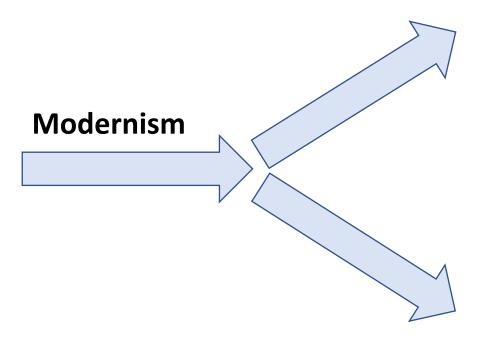
Post-Modernism

Modernism has ended. Symbols have all been appropriated This is the "end of art" (Danto 1998)

New Media Art

Cultures of practice.

Look at what we can make!



Post-Modernism

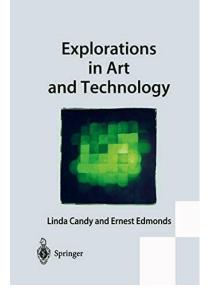
Modernism has ended. Symbols have all been appropriated This is the "end of art" (Danto 1998)

New Media Art

Cultures of practice.

Look at what we can make!

"What emerges is a compelling story of new visions and new forms in a field that is set to transform traditional norms in both art and technology as we move through the 21st Century."



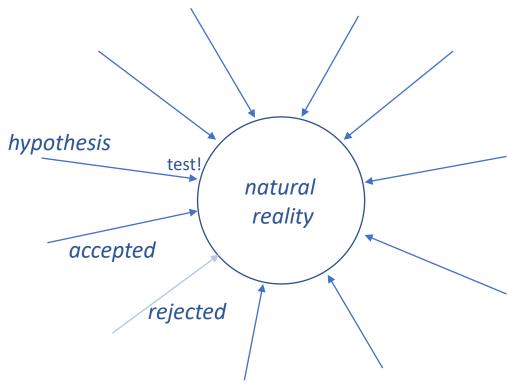
Linda Candy and Ernest Edmonds Springer © 2002

Post-modern origins of New Media Art

"science does not expand by means of the positivism of efficiency..." (Lyotard)

Post-modern origins of New Media Art

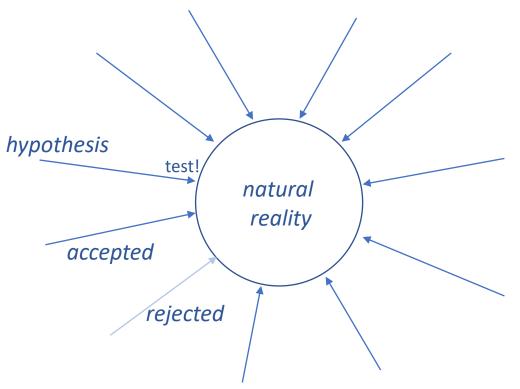
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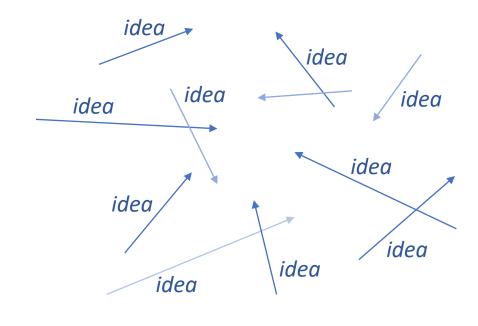
science tests hypotheses against natural reality
SCIENCE

Post-modern origins of New Media Art

"science does not expand by means of the positivism of efficiency..." (Lyotard)



science tests hypotheses against natural reality
SCIENCE



in art there is no arbiter of truth

ART

IV. Embedded Cultures of Pluralism

<u>Pluralists</u> embrace the notion that literally anything is valuable as art, ie. all is deserving to be seen. (*internal self-consistency*)

Contrary to the "modernist" perspective that there are universal values in art.

Easy test: "Do you think that anything can be art?"

Ideology based on scientific hypothesis generation

CONTEMPORARY DILEMMA

"Our challenge is not so much to seek ever more sophisticated technological solutions to existential and environ-mental problems, as it is to re-establish a moral, emotional, and perhaps spiritual, relationship with the bio-sphere: living with empathy and consciousness, with respect for the land, the plants, the animals, and people."

Alexandra Bal, Sentience as the Antidote to Our Frenzied Mediated Selves, ISEA 2020

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In other words, there may not be enough time to try everything.



V. Synthesis

Art is not bound to the terms of fragmentation and hypothesis testing – it has the capacity to coherently synthesize and integrate knowledge.

A culture of *synthesis* need not deconstruct, it need not propose hypotheses, nor conduct experiments, nor invent media types. It does not require 'novelty' to legitimize itself but might instead drawn from what exists to define similarity and consensus.



1938, Stuart Walker, Composition 55 Transcendental Painting Group



2022, Rama Hoetzlein, Manipulations of the Sarcophagus Sentient Painting series

"Spirituality Has Long Been Erased from Art History. Here's Why It's Having a Resurgence Today."

Art World, Eleanor Heartney, Jan 2020

VI. New Meta-Narratives

The meta-narratives of our times are the knowledge cultures of scientific fragmentation, pluralism, presumed objectivity and their paradoxical relationship to globalism and ecological disaster. These are recurring grand narratives that are neither regional nor temporary.

The knowledge cultures observed here are a reflection of the trends of science, technology and art over the past century, the goal of which was to make explicit the new meta-narratives of the post-modern/medium so that the future of new media art might avoid being bound to the same narratives.

What do we value?

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