



Kunstakademiets Arkitektskole, institute 3 'City, space and function'

Virtual Places

- Architecture and Urbanity in the Age of Electronic Media.

Course 3.314 SE

by associate prof. Bo Grönlund, associate prof. Helen G. Welling and ph.d. student Bettina Lamm

The seminar investigates informational perspectives on urbanity and architecture as well as urban and architectural perspectives on the virtual world. On the base of research, questions related to virtual places will be illuminated in lectures and discussions. The students are supposed to read selected texts, to write essays/papers, and to participate in a critical dialogue between the participants. Use of the internet will be integrated into the course. An introduction to creative and systematic writing is included as well.

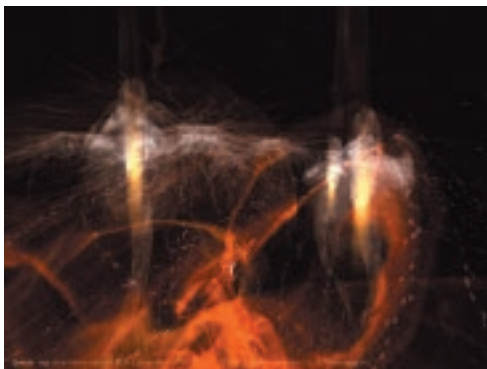


March 5 at 9.15 - 12.00 in aud. 5

Introduction to the method and the targets of the seminar, mutual presentation of participants and the expectations to the course.

Bo Grönlund: Information, Communication and Networks - Virtual Places as Both Old and New.

Helen G. Welling: Illuminations in 20th Century Art: From Mechanical (re)Production to Electronic Manifestation



March 10 at 13.15 - 16.00 in aud. 3

First discussion of selected texts.

Bo Grönlund: An introduction to creative and systematic writing and an introduction to the use of the Internet as a research tool. Plus some Internet search tasks to be carried out related to virtual places.

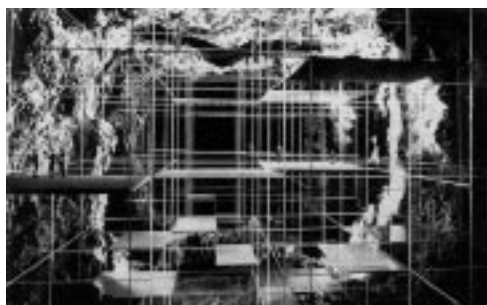
Discussion of topics for papers, methodology, references etc.

March 17 at 13.15 - 16.00 in aud. 5

Helen G. Welling: Architecture as a Mediator of Meaning and Memory in the Age of Electronic Media.

Discussion of selected texts. Presentation of results of students internet search.

Further discussion of topics for papers, creative writing, etc.



March 24 at 13.15 - 16.00 in aud. 3

Bettina Lamm: Virtual Reality as Medium for Place Fictions.

Through a selection of cases we will look at how spacial texture is generated and how experience of place is mediated in immersive virtual reality works.

Afterwards: Continued discussions of texts and of topics for student papers

March 31 at 13.15 - 16.00 in aud. 3

Nat Chard: Modifying the body - on indeterminacy of architecture and the city.

Camilla Frederiksen: Keeping the reader awake - on writing essays.

Continued discussions of texts and writing tasks.



April 7 at 13.15 - 16.00 in aud. 5

Bo Grönlund: The Network Society and related issues of Net-Cultures, Urbanity and Complexity. Policy Questions for the Information Age – Technically, Culturally and Socially. Continued discussions of texts and writing tasks.

April 28 at 9.15 - 16.00 in aud. 5

Presentation and discussion of the student papers with opponents.

Afterwards: Reflections, Perspectives, and Conclusions on the Course

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Individual guidance on writing of papers will take place in the weeks 13, 14 and 16. Students are expected to set aside at least 40 hours for reading and writing. 60-80 hours will be considered normal. Deadline for papers: April 20 at 16.00.

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Course 3.314 SE (programme - see the other side)

by associate prof. Bo Grönlund, associate prof. Helen G. Welling and ph.d. student Bettina Lamm

The information age affects the experience of our environment in several ways. On the one hand a radically different 'placeless' accessibility to virtual worlds develops through broadband media, on the other hand the material world might gain a new importance based on embodied experience. Anyhow, new technologies challenge our perception and experience of space and places. Virtual places have a long history though - from worlds created in paintings and texts, perspective constructions, photos and movies, and the successive development of electronic media since the 1840s. Every time the virtual dimensions have been extended through new possibilities, history have seen paradigm shifts of genuine importance.

Lists of some references for the course 3.314 on Virtual Places follow below (un updated and extended list will be prepared for the course participants):

Bettina Lamm's Reference List (preliminary):

Cases:

Maurice Benayoun: Tunnel Under the Atlantic (www.benayoun.com)

Jeffery Shaw: con FIGURING the CAVE (in: Anne-Marie Douquet: Jeffery Shaw, A users manual - From expanded cinema to Virtual Reality; and Vision og Virkelighed - Forestillingen om det 20. arhundrede. Louisiana Revy nr 1 sept 2000)

Char Davies: Osmose and Éphémère (www.immersence.com)

Suggestions for further reading

The virtual dimension - Architecture, Representation and Crash culture: edited by John Beckman, 1998

Virtual Realism: Michael Heim, 1998

Immersed in in Technology: Art and virtual environments: Mary Anne Mosher (ed), 1995

Cyberspace - first step: Michael Benedikt (ed), 1992

Helen Welling's Reference List (preliminary):

Constant Nieuwenhuys: texts from the project: *New Babylon*, 1957-80

MVRDV: *FARMAX*, 010-Publishers, 1998

Peter Eisenman: The End of the Classical, *Perspecta 21*, 1982

Peter Eisenman: Visions Unfolding: Architecture in the Age of Electronic Media, *Domus 734*, 1992

Umberto Eco: 'Fakes and Forgeries,' *The limits of interpretation*, 1990

Bo Grönlund's Reference List (preliminary):

Alicia Imperiale: *New Flatness - surface tension in digital architecture*, Basel, 2000

Cynthia C Davidson (ed): *Anybody*, Cambridge (Mass), 1997

Derrick de Kerckhove: *The Architecture of Intelligence*, Basel, 2001

Edwards S. Casey: *The Fate of Place - a philosophical history*, Berkely, 1997

George Gilder: *Telecosm - how infinite bandwidth will revolutionize our world*, New York, 2000

IT (Information Technology), Theme issue of Nordic Journal of Architectural Research, no. 3, 2002 (Nordic Conference in Århus, DK)

Jacob Nielsen: *Designing Web Usability*, Indianapolis, 1999

John Fiske: *Introduction to Communication Studies*, 1990

Jonayhan Crary & Sanford Kwinter: *Incorporations (Zone 6)*, New Yprk 1992

Katherine Hayles: *How We Became Posthuman : Virtual Bodies in Cybernetics, Literature, and Informatics*, 1999

Ken Goldberg (ed): *The Robot in the Garden - telerobotics and telepistemology in the age of the internet*, Cambridge (Mass), 2000

Kevin Kelly: *Out of Control*, 1994

M. Christine Boyer: *Cybercities*, 1996

Maia Engeli (ed): *Bits and spaces - architecture and computing for physical, virtual, hybrid realms - at ETH Zurich*, Basel 2001

Manuel Castells: *The information Age - economy, society and culture (3 volumes)* 1996-98

Manuel Castells: *The Internet Galaxy - reflections on the Internet, Business, and Society*, Oxford, 2001

Margret Wertheim: *The Pearly Gates of Cyberspace - h history of space from Dante to the Internet*, New York, 1999

Marie-Laure Ryan (ed): *Cyberspace Textuality, Computer Technology, and Literary Theory*, Bloomington, 1999

Marie-Laure Ryan: *Narrative as Virtual Reality - immersion and interactivity in literature and electronic media*, Baltimore, 2001

Martin Dodge & Rob Kitcjin: *Mapping Cyberspace*, London, 2001

Neil Spiller (ed): *Cyber_reader - critical writings for the digital era*, London, 2002

Nicholas Mirozoeff (ed): *Visual Culture Reader*, London, 1998

Nicholas Negroponte: *Being Digital*, 1995

Paul Virilio: *The Information Bomb*, 2000

Peter Lunenfeld (ed): *The Digital Dialectic - new essays on new media*, Cambridge (Mass), 1999

Randall Packer & Ken Jordan (ed): *Multimedia - from Wagner to virtual reality*, New York 2001

Ray Kurzweil: *The Age of Spiritual Machines*, London 1999

Richard Coyne: *Designing Information Technology in the Postmodern Age - from method to metaphor*, Cambridge (Mass), 1995

Richard Coyne: *Technoromaticism - digital narrative, holism, and the romance of the real*, Cambridge (Mass), 1999

Saskia Sassen: *Cities in a World Economy (Sociology for a New Century)*, 2000

Stephen Graham, Simon Marvin: *Telecommunications and the City : Electronic Spaces, Urban Places*, 1996

Stephen Wilson: *Information Arts - Intersections of art, science, and technology*, Cambridge (Mass), 2002

Stig Gustavsson & Ulf Keijer: *IT Development in the Local Setting - an architectural perspective*. Nordic Journal of Architectural research, no. 1, 2002

Thomas A Horan: *Digital Places - building our city of bits*, Washington DC, 2000

Tim Berners-Lee: *Weaving the web - the past, present and future of the world wide web, by its invetor*, London, 2000

William J. Mitchell: *City of Bits*, 1995

William J. Mitchell: *E-Topia : Urban Life, Jim - But Not As We Know It*, 1999

Wired (magazine) selected articles since 1994.

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