ARCH A4349 Questions in Architectural History 2
Faculty: Mark Wigley

Teaching Fellows (TFs): Charlette Michelle Caldwell (cmc2385@columbia.edu) and Ultan Byrne (ub2134@columbia.edu)

Wednesday 11AM-1PM, Ware Lounge, 600 level

This two-semester introductory course is organized around selected questions and problems that have, over the course of the past two centuries, helped to define architecture's modernity. Following Questions in Architectural History 1, the Spring semester similarly treats the history of architectural modernity throughout the twentieth century as a contested, geographically and culturally uncertain category, for which periodization is both necessary and contingent. Organized thematically more than chronologically, the Spring semester also situates developments in Europe and North America in relation to worldwide processes including trade, imperialism, nationalism, and industrialization. These historical forces are transformed and complicated by new forms of internationalism, post-nationalism and globalization as they encounter the impact of new generations of technology and new social, scientific, institutional, and subjective formations. As with QAH1, the course considers specific questions and problems that form around differences that are also connections, antitheses that are also interdependencies, and conflicts that are also alliances. The resulting tensions animated architectural discourse and practice throughout the period, and continue to shape our present.

Objects, ideas, and events will move in and out of the European and North American frame, with a strong emphasis on relational thinking and contextualization. This includes a historical, relational understanding of architecture itself. Although the Western tradition recognized diverse building practices as "architecture" for some time, an understanding of architecture as an academic discipline and as a profession, which still prevails today, was only institutionalized in the European nineteenth century. Thus, what we now call architecture was born not long ago, as a discourse and a practice conceived in relation to others variously described as ancient, vernacular, native, or pre-modern.

Addressed to the twentieth century legacy and transformation of this institutionalization of architecture as a discipline, a discourse and a profession, this course also treats categories like modernity, modernization, and modernism in a relational manner. Rather than presuppose the equation of modernity with rationality, for example, the course asks: How did such an equation arise? Where? Under what conditions? In response to what? Why? To what ends? Similar questions pertain to the idea of a "national" architecture, or even a "modern" one. To explore these and other questions, the course stresses contact with primary sources. Many of the buildings, projects, and

texts we will encounter have long been incorporated into well-developed historical narratives, mostly centered on Europe. Others have not. Our aim, however, is not simply to replace those narratives with a more inclusive, "global" one. It is to explore questions that arise, at certain times and in certain places, when architecture is said to possess a history.

The course therefore prioritizes discussion and critical reflection. Students will be assigned to one of three seminar-style classes, each led by a different faculty member in collaboration with two PhD Teaching Fellows (TFs) who will conduct smaller weekly sessions intended to support and elaborate upon the main class. Faculty members may present examples of relevant buildings and projects from among those listed at their discretion.

Overall, the aim is a semester-long dialogue, with active student participation, that unfolds, explores, and contextualizes questions and problems that inform and challenge the historical imagination and ultimately, enhance historical consciousness.

Course Requirements

Each week there will be required primary and secondary readings. In addition to completing the required readings for each week and participating actively in class discussions, at the end of the semester students will be required to submit a research paper on a topic related to one or more of those covered in the course. All assignments should be uploaded to turnitin.com as MSWord-compatible files (each student will be emailed a link for this at the beginning of the semester).

This semester-long project will be developed as follows in consultation with your discussion section TF:

20 February: A one-paragraph abstract describing the paper topic and a one-page working bibliography

27 March: A three-page annotated outline of the paper, with bibliography

8 May (5:00PM): Final paper, fifteen-pages minimum, double-spaced in 12-point font (about 3,500-4,000 words); plus illustrations.

All assignments will be submitted through Turnitin. Instructions will be provided by TFs.

Grading

Grades for the class will be determined as follows:

Class participation	20%
Paper abstract	10%
Paper outline	10%
Final paper	60%

Students with limited experience in writing research papers or writing in academic English are strongly encouraged to seek support at the Columbia College Writing Center:
http://www.college.columbia.edu/core/uwp/writing-centerLinks to an external site.
Students should adhere to standard guidelines regarding academic honesty, such as those described in the GSAS Statement on Academic Honesty, available at:
http://www.columbia.edu/cu/gsas/rules/chapter-9/pages/honesty/index.htmlLinks to an external site.

Readings

All required course materials are available on Courseworks, or elsewhere online if indicated below.

Three types of readings are listed each week: primary source material (required), secondary literature (required), and further reading (not required). At times, additional primary materials or background reading are recommended along with the required texts, again as a guide for research or further reading.

Students with less background in histories of twentieth century architecture are also advised to consult additional literature available in Avery Library, including:

P. Reyner Banham, *Theory and Design in the First Machine Age* (Cambridge: MIT Press, 1980 [1960]).

Leonardo
Benevolo, *History of Modern Architecture, Volume 2: The Modern Movement*, trans. H. J. Landry (Cambridge, MA: MIT Press, 1977).

Jean-Louis Cohen, *The Future of Architecture, since 1889* (London and New York: Phaidon, 2012).

Alan Colquhoun, *Modern Architecture* (New York: Oxford, 2002).

Beatriz
Colomina, *Privacy and Publicity: Modern Architecture as Mass Media* (Cambridge: MIT Press, 1994).

Kenneth Frampton, *Modern Architecture: A Critical History*, Fourth ed. (London: Thames and Hudson, 2007).

Sarah Williams Goldhagen and Réjean Legault, eds. *Anxious Modernisms: Experimentation in Postwar Architectural Culture* (Cambridge: MIT Press, 2000).

Reinhold
Martin, *The Organizational Complex: Architecture, Media, and Corporate Space* (Cambridge: MIT Press, 2003).

Felicity D. Scott, *Architecture or Techno-Utopia: Politics after Modernism* (Cambridge: MIT Press, 2007).

Manfredo Tafuri, *The Sphere and the Labyrinth: Avant-Gardes and Architecture from Piranesi to the 1970's*, trans. Pellegrino and Robert Connolly d'Acierno (Cambridge: MIT Press, 1987).

Mark
Wigley, *White Walls, Designer Dresses: The Fashioning of Modern Architecture* (Cambridge: MIT Press, 1995).

SESSIONS

01/22   Week 1. Introduction: Architecture and Modernity

No required reading

01/29   Week 2. Internationalisms and Wars

Primary Source Material

- Hannes Meyer, "The New World," [1926] trans. Don Reneau, in *The Weimar Republic Sourcebook*, ed. Martin Jay, Edward Dimendberg, and Anton Kaes, (Berkeley: University of California Press, 1994): 445-49.
- J Ritter, "World Parliament: The League of Nations Competition, 1926," *Architectural Review* 136 (July 1964): 17-23.
- Henry Stern Churchill, "United Nations Headquarters: A Description and Appraisal," *Architectural Record* 111 (July 1952): 105-121.
- Rem Koolhaas, "Field Trip: (A)A Memoir, the Berlin Wall as Architecture," in *S,M,L,XL*, ed. Rem Koolhaas, Office for Metropolitan Architecture and Bruce Mau (New York: Monacelli Press, 1995): 215-232.

Secondary Literature

- Felicity D Scott, "A Vital Bearing on Socialism," in *Architecture or Techno-utopia Politics after Modernism* (Cambridge: MIT Press, 2007): 15-36.
- Lucia Allais, "'Battles Designed to Preserve,'" in *Designs of Destruction: The Making of Monuments in the Twentieth Century* (Chicago: University of Chicago Press, 2018): 71-112.
- Richard Anderson, "USA/USSR: Architecture and War," *Grey Room* 34 (Winter 2009): 80-103.
- Samia Henni, "On the Spaces of Guerre Moderne: The French Army in Northern Algeria (1954-1962)," *Footprint* 19 (Autumn/Winter 2016): 37-56.

Further Reading (not required)

- Jean-Louis Cohen, *Architecture in Uniform: Designing and Building for the Second World War* (New Haven and Montreal: Yale University Press and Canadian Center for Architecture, 2011).
- Beatriz Colomina, *Domesticity at War* (Cambridge: MIT Press, 2007).
- David Crowley, "Europe Reconstructed, Europe Divided," in *Cold War Modern: Design 1945-70*, ed. David Crowley and Jane Pavitt (London: Victoria and Albert Museum, 2008): 43-63.
- Keith Eggener, "Nationalism, Internationalism and the 'Naturalisation' of Modern Architecture in the United States, 1925-1940," in *National Identities* 8 (Sept. 2006): 243-58.
- Peter Galison, "War against the Center," *Grey Room* 4 (Summer 2001): 6-32.
- Miles Glendinning, "Cold-War Conciliation: International Architectural Congresses in the Late 1950s and Early 1960s," *Journal of Architecture* 21, no. 4 (June 2016): 630-50.

- Samia Henni, *Architecture of Counterrevoltuion: The French Army in Algeria* (Zurich: gta publishers, 2018).
- Mark Mazower, *Governing the World: The History of an Idea* (New York: The Penguin Press, 2012).
- Adam Tooze, *The Deluge: The Great War and the Remaking of Global Order, 1916-1931* (London: Allen Lane, 2014).Paul Virilio, "Military Space," in Bunker Archeology, trans. George Collins (New York: Princeton Architectural Press, 1994 [1975]): 17-23.

02/05   Week 3. Machines and Bodies

<u>Primary</u> <u>Source</u> <u>Material</u>

- Frank Lloyd Wright, "The Art and Craft of the Machine," *Brush and Pencil* 8, no. 2 (May 1901): 77-90.
- Antonio Sant'Elia and Filippo Tommaso Marinetti, "Futurist Architecture," (1914) in Ulrich Conrads, ed. *Programs and Manifestoes on 20th-Century Architecture* (Cambridge: MIT Press, 1971): 34-38.
- Grete Lihotzky, "Rationalization in the Household" (1926-27), trans. Don Reneau, in *The Weimar Republic Sourcebook*, 462-465.
- Hannes Meyer, "Building," Bauhaus vol. 2 no 4, 1928. trans. D. Q. Stephenson, in Hannes Meyer, Buildings, Projects and Writings (Teufen AR: Arthur Niggli Ltd.: 1965).
- R. Buckminster Fuller, "The Phantom Captain," *Nine Chains to the Moon* (New York: Lippincott,1938): 18-30.
- Sigfried Giedion, "Man in Equipoise," in *Mechanization Takes Command: A Contribution to Anonymous History* (New York: Oxford University Press, 1948): 714-723.

<u>Secondary</u> <u>Literature</u>

- Beatriz Colomina and Mark Wigley, "The Frictionless Silhouette" and "Designing the Body," in *Are We Human? Notes on an Archaeology of Design*. Zurich: Lars Müller Publishers, 2016): 147-177.
- James Graham, "An Audience of the Scientific Age: *Rossum's Universal Robots* and the Production of an Economic Conscience," *Grey Room* 50 (Winter 2013): 112-42.
- Donna Haraway, "A Cyborg Manifesto: Science, Technology and Socialist-Feminism in the Late Twentieth Century," in *Simians, Cyborgs, and Women: The Reinvention of Nature* (New York: Routledge, 1991): 149-82.

<u>Further Reading (not required)</u>

- Zeynep Celik Alexander, "Metrics of Experience: August Endell's Phenomenology of Architecture," *Grey Room* 40 (Summer 2010): 50-83.
- Reyner Banham, "The Great Gizmo," *Industrial Design* 12 (September 1965): 48-59.
- Judith Butler, *Bodies That Matter: On the Discursive Limits of "Sex"* (New York: Routledge, 1993).
- Georges Canguilhem, "Machine and Organism," *Zone* 6 (1992): 45-69.
- Jonathan Crary, "J.G. Ballard and the Promiscuity of Forms," *Zone* 1 (1986): 159-65.
- Charles Maier, "Between Taylorism and Technocracy: European Ideologies and the Vision of Industrial Productivity in the 1920s," *Journal of Contemporary History* 5, no. 2 (1970): 27-61.
- Hannes Meyer, "Building," *Bauhaus* vol. 2 no 4, 1928. trans. D. Q. Stephenson, in Hannes Meyer, *Buildings, Projects and Writings* (Teufen AR: Arthur Niggli Ltd.: 1965).
- Anson Rabinbach, *The Human Motor: Energy, Fatigue, and the Origins of Modernity* (New York: Basic Books, 1990).

02/12 Week 4. Genders and Metropolitanisms

Primary Source Material

- Bruno Taut, "The New Dwelling: The Woman as Creator" (1924), trans. Don Reneau, in *The Weimar Republic Sourcebook*, ed. Anton Kaes, Martin Jay and Edward Dimendberg (Berkeley: University of California Press, 1994): 461-62.
- Ludwig Hilberseimer, "Metropolis" [1927] in Ludwig Hilberseimer, *Metropolisarchitecture and Selected Essays*, ed. and trans. Richard Anderson (New York: GSAPP Books, 2012): 84-90.
- Archigram, "The Metropolis," *Archigram* 5 [Autumn 1964] (You can find this online)
- Lina Bo Bardi, "In South America: What's Happening after Corbu" [1967], in Stones against Diamonds (London: Architectural Association, 2013): 77-80.
- Superstudio, "Twelve Cautionary Tales for Christmas: Premonitions of the Mystical Rebirth of Urbanism", *Architectural Design* 42 (December 1971): 737-742.
- Rem Koolhaas, "'Life in the Metropolis' or 'the Culture of Congestion,'" *Architectural Design* 47, no. 5 (August 1977): 319-25.
- Leslie Kanes Weisman, "Women's Environmental Rights," *Heresies II* 3, no. 3 (1981): 6-8.

Secondary Literature

- Beatriz Colomina, "Battle Lines: E. 1027,"
  in *The Architect: Reconstructing Her Practice*, ed. Francesca Hughes (Cambridge: MIT Press, 1996), 2-25.
- Sophie Hochhäusl, "From Vienna to Frankfurt Inside Core-House Type 7: A History of Scarcity through the Modern Kitchen," *Architectural Histories* 1(1) 2013: 24, pp. 1-19, DOI: [http://dx.doi.org/10.5334/ah.aq (Links to an external site.)](http://dx.doi.org/10.5334/ah.aq)
- Manfredo Tafuri, "Radical Architecture and the City"
  in *Architecture and Utopia: Design and Capitalist Development*, trans. Barbara Luigia La Penta (Cambridge: MIT Press, 1976): 104-124.
- Zeynep Celik, "Gendered Spaces in Colonial Algiers," in *The Sex of Architecture*, ed. Diana Agrest, Patricia Conway and Leslie Kanes Weisman (New York: Harry N. Abrams, Inc., 1996): 127-40.
- Esther Da Costa Meyer, "La donna è Mobile," *Assemblage* 28 (December 1995): 6-15.

Further Reading (not required)

- Zeynep Celik Alexander, "Jugendstil Visions: Occultism, Gender, and Modern Design Pedagogy," *Journal of Design History* 22, no. 3 (2009) 203-226.
- Madges Bacon, *Le Corbusier in America: Travels in the Land of the Timid* (Cambridge, MA: MIT Press, 2001).
- Eve Blau, "*Grossstadt* and Proletariat: Conceptualizing the Socialist City," and "The New Dwelling: 'The Gemeinde-Wien-Type," in *The Architecture of Red Vienna, 1919-1934* (Cambridge, Mass.: MIT Press, 1999): 152-173, 176-215.
- Zeynep Celik, "Gendered Spaces in Colonial Algiers," in *The Sex of Architecture*, ed. Diana Agrest, Patricia Conway and Leslie Kanes Weisman (New York: Harry N. Abrams, Inc., 1996): 127-40.
- Jean-Louis Cohen, "Urban Architecture and the Crisis of the Modern Metropolis," in *At the End of the Century: One Hundred Years of Architecture*, ed. Richard Koshalek and Elizabeth T. Smith (Los Angeles: Museum of Contemporary Art, 1998): 229-74.
- Beatriz Colomina, ed. *Sexuality and Space* (New York: Princeton Architectural Press, 1992).
- Beatriz Preciado, "Playboy Architecture: Performing Masculinity," in *Pornotopia: An Essay on Playboy's Architecture and Biopolitics* (New York: Zone Books, 2014): 15-27.
- Manfredo Tafuri, "The Disenchanted Mountain: The Skyscraper and the City," trans. Barbara Luigia La Penta, in *The American City: From the Civil War to the New Deal*, ed. Giorgio Ciucci, Francesco Dal Co, Mario Manieri-Elia and Manfredo Tafuri (Cambridge: MIT Press, 1979): 389-504.

- Mabel Wilson, "Black Bodies/White Cities: Le Corbusier in Harlem," *ANY* 16, "Whiteness" special issue (1996): 35-39.

02/19 Week 5. Types and Functions

<u>Primary</u> <u>Source</u> <u>Material</u>

- Hermann Muthesius and Henry van de Velde, "Werkbund Theses and Antitheses" [1914] reprinted in*Programs and Manifestoes on Twentieth-Century Architecture*, ed. Ulrich Conrads (Cambridge, MA: MIT Press, 1971), 28-31.
- Le Corbusier, "Type Needs, Type-Furniture," in *The Decorative Art of Today*, trans. James Dunnett (Cambridge: MIT Press, 1987): 69-79.
- Kisho Kurokawa, "Capsule Declaration" [1969], in *Metabolism in Architecture* (London: Studio Vista, 1977): 75-85.
- Alison Smithson, "Mat-Building: How to Recognize and Read It," *Architectural Design* XLIV, no. 9 (September 1974): 573-590.

<u>Secondary</u> <u>Literature</u>

- Monique Eleb, "An Alternative to Functionalist Universalism: Écochard, Candilis, and ATBAT-Afrique," in *Anxious Modernisms: Experimentation in Postwar Architectural Culture*, ed. Sarah Williams Goldhagen and Réjean Legault (Cambridge: MIT Press, 2000), 55-74.
- John V. Maciuika, "The Globalization of the Deutscher Werkbund: Design Reform, Industrial Policy and German Foreign Policy, 1907-1914," in *Global Design History* ed. Glenn Adamson et al. (Routledge, 2011): 98-106.

<u>Further Reading (not required)</u>

- Theodor W. Adorno, "Functionalism Today," *Oppositions* 17 (Summer 1979): 31-41.
- Stanford Anderson, "Architecture for Industry: The AEG Factories: Berlin III," in *Peter Behrens and a New Architecture for the Twentieth Century* (Cambridge: MIT Press, 2000): 129-64.

- Stanford Anderson, "Deutscher Werkbund—the 1914 Debate: Hermann Muthesius Versus Henry Van Der Velde," in *Companion to Contemporary Architectural Thought*, ed. B. Farmer and H. Louw (London: Routledge, 1993): 462-67.
- Alan Colquhoun, "Typology and Design Method," *Perspecta* 12 (1969): 71-74.
- Rosemarie Haag Bletter, "Introduction," in Adolf Behne, *The Modern Functional Building* [1926] (Santa Monica: The Getty Research Institute for the History of Art and the Humanities, 1996): 1-83.
- Eric Mumford, "The Functional City, 1931-1939," in *The CIAM Discourse on Urbanism, 1928-1960* (Cambridge: MIT Press, 2000): 59-130.
- Kathryn E. O'Rourke, "Guardians of Their Own Health: Tuberculosis, Rationalism, and Reform in Modern Mexico," *Journal of the Society of Architectural Historians* 71, no. 1 (March 2012): 60-77.
- Frederic J. Schwartz, "The Type," in *The Werkbund: Design Theory and Mass Culture before the First World War* (New Haven and London: Yale University Press, 1996): 121-146.
- Anthony Vidler, "The Idea of Unity and Le Corbusier's Urban Form," in *The Scenes of the Street and Other Essays* (New York: The Monacelli Press, 2011): 274-293.
- Nader Vossoughian, "Standardization Reconsidered: *Normierung* in and after Ernst Neufert's *Bauentwurfslehre* (1936)," *Grey Room* 54 (Winter 2014): 34-55.

02/26 Week 6. Colonies and Corporations

Primary Source Material

- Le Corbusier, "1931-1934: Algiers, Capital of North Africa," in *The Radiant City: Elements of a Doctrine of Urbanism to Be Used as the Basis of Our Machine-Age Civilization* (New York: Orion Press, 1967 [1933]): 226-237.
- Phyllis Bronfman Lambert, "How a Building Gets Built," *Vassar Alumni Magazine* XLIV, no. 3 (February 1959): 13-19. http://newspaperarchives.vassar.edu/cgi-bin/vassar?a=d&d=vq19590201-01.1.15&e=-------en-20--1--txt-txIN------- (Links to an external site.)
- Dwight D Eisenhower, "Farewell Radio and Television Address to the American People, January 17, 1961," in *Public Papers of the President of the United States, Dwight D Eisenhower, 1960-61* (Washington D.C.: U.S. Government Printing Office, 1961): 1035-1040.
- The Architects' Resistance, position paper "Architecture and Racism" [1969], *Perspecta* 29 (October 1998): pp. iv-v.

Secondary Literature

- Zeynep Celik, "Le Corbusier, Orientalism, Colonialism," *Assemblage* 17 (1992): 59-77.
- Didem Ekici, "Orientialism, Expressionism, Imperialism: Bruno Taut's Competition Design for the 'House of Friendship' in Istanbul," in *Germany and the Imagined East*, ed. Lee Roberts (Buckinghamshire: Cambridge Scholar's Press, 2005), pp. 96-112.
- John Harwood, "IBM Architecture: The Multinational Counterenvironment," in *The Interface: IBM and the Transformation of Corporate Design, 1945-1976* (Minneapolis: University of Minnesota Press, 2011): 101-159.
- Ayala Levin, "Haile Selassie's Imperial Modernity: Expatriate Architects and the Shaping of Addis Ababa," *Journal of the Society of Architectural Historians* 75, no. 4 (December 2016): 447-468.

Further Reading (not required)

- Mark Crinson, "Dialects of Internationalism: Architecture in Ghana, 1945-66," in *Modern Architecture and the End of Empire* (Burlington, VT: Ashgate, 2003): 127-156.
- Okwui Enwezor, ed. *The Short Century: Independence and Liberation Movements in Africa, 1945-1994* (Munich: Prestel Verlag, 2001).
- Giuliano Garavini, "The Colonies Strike Back: The Impact of the Third World on Western Europe, 1968-1975," *Contemporary European History* 16, no. 3 (August"2007), 299-319.
- Robert Alexander Gonzalez, *Designing Pan-America: U.S. Architectural Visions for the Western Hemisphere* (Austin, TX: University of Texas Press, 2011).
- John Harwood "Corporate Abstraction," *Perspecta* 46 (2013): 218-247.
- Mario Manieri-Elia, "Toward an 'Imperial City': Daniel H. Burnham and the City Beautiful Movement," in *The American City: From the Civil War to the New Deal*, trans. Barbara Luigia La Penta (Cambridge: MIT Press, 1979).
- Reinhold Martin, *The Organizational Complex: Architecture, Media, and Corporate Space* (Cambridge: MIT Press, 2003).
- Brian L. McLaren, *Architecture and Tourism in Italian Colonial Libya: An Ambivalent Modernism* (Seattle: University of Washington Press, 2006).
- Volker Welter, "The 1925 Master Plan for Tel-Aviv by Patrick Geddes," *Israel Studies* 14, no. 3 (Fall 2009): 94-119.

03/04   Week 7. Medias and Domesticities

<u>Primary Source Material</u>

- Charles Eames, John Entenza, and Herbert Matter, "What Is a House?" *Arts and Architecture* (July 1944): 32-49.
- David Greene, and Michael Webb, "Drive-in Housing: A Proposition," *Architect's Year Book* XII (1968): 133-43.
- Yona Friedman, "The Flatwriter: Choice by Computer." *Progressive Architecture* (March 1971): 98-101.
- Ugo La Pietra, "The Domicile Cell: A Microstructure," in *Italy: The New Domestic Landscape: Achievements and Problems of Italian Design*, ed. Emilio Ambasz (New York: The Museum of Modern Art, 1972): 226-31.

<u>Secondary Literature</u>

- Weihong Bao, "Transparent Shanghai: Cinema, Architecture, and a Left-Wing Culture of Glass," in *Fiery Cinema: The Emergence of an Affective Medium* (Minneapolis: University of Minnesota Press): 197-261.
- Beatriz Colomina, "The Split Wall: Domestic Voyeurism," in *Sexuality and Space*, edited by Beatriz Colomina (New York: Princeton Architectural Press, 1992): 74-128.
- Susan Henderson, "Ernst May and the Campaign to Resettle the Countryside: Rural Housing in Silesia, 1919-1925," *JSAH*, Vol. 61, No. 2 (Jun., 2002), 188-211
- Pamela Karimi, "Dwelling, Dispute, and the Space of Modern Iran," in *Governing by Design: Architecture, Economy, and Politics in the Twentieth Century*, ed. Aggregate Architectural History Collaborative (Pittsburgh: University of Pittsburgh Press, 2012): 119-46.

<u>Further Reading (not required)</u>

- Richard Anderson, "A Screen That Receives Images by Radio," *AA Files* 67 (2013): 3-15.

- Reyner Banham, "The Glass Paradise," in *A Critic Writes: Essays by Reyner Banham*, ed. Mary Banham et al. (Berkeley: University of California Press, 1996): 32-38.
- Barry Bergdoll, "Home Delivery: Viscidities of a Modernist Dream from Serial Production to Digital Customization," in *Home Delivery: Fabricating the Modern Dwelling*, ed. Barry Bergdoll and Peter Christensen (New York: MoMA, 2008): 12-26.
- Alice T. Friedman, "People Who Live in Glass Houses: Edith Farnsworth, Ludwig Mies Van Der Rohe and Philip Johnson," in *Women and the Making of the Modern House: A Social and Architectural History* (New York: Harry N. Abrams, Inc, 1998): 126-59.
- Paul Scheerbart, "Glass Architecture" [1914], trans. James Palmes, in *Glass! Love!! Motion!!!: A Paul Scheerbart Reader*, ed. Josiah McElheny and Christine Burgin (Chicago: University of Chicago Press, 2015): 20-90.
- Felicity Scott, "Acid Visions" in *Architecture or Techno-Utopia: Politics after Modernism* (Cambridge: MIT Press, 2007): 185-206.
- Mark Wigley, "Broadcasting Shelter," *Buckminster Fuller Inc.: Architecture in the Age of Radio* (Zurich: Lars Müeller, 2015).

03/11   Week 8. Institutions and Experimentations

Primary Source Material

- Walter Gropius, "Programme of the Staatliches Bauhaus in Weimar," (1919) in *Programs and Manifestoes,* pp. 49-53.
- Ludwig Mies van der Rohe, "Inaugural Address as Director of Architecture at Armour Institute of Technology, 1938," in *Mies Van Der Rohe*, ed. Philip Johnson (New York: Museum of Modern Art, 1947): 191-5.
- "Advertisements for a Counter Culture," *Progressive Architecture* (July 1970): 71-92. [mainly illustrations]
- Hans Hollein, "Alles ist Architecture," *Architectural Design* (February 1970): 60-63.

Secondary Literature

- Lucia Allais, "The Real and the Theoretical 1968," *Perspecta* 42 (2010): 27-41.

- Anna María León, "Designing Dissent: Vilanova Artigas and the São Paulo School of Architecture," in *Architecture and the Paradox of Dissidence*, ed. Ines Weizman (London and New York: Routledge, 2014): 74-88.
- Felicity D. Scott, "DISCOURSE, SEEK, INTERACT," in *Outlaw Territories: Environments of Insecurity/Architectures of Counter-Insurgency* (New York: Zone Books, 2016): 339-382.

Further Reading (not required)

- Reyner Banham, *Megastructure: Urban Futures of the Recent Past* (London: Thames and Hudson, 1976).
- Barry Bergdoll, "Bauhaus Multiplied: Paradoxes of Architecture and Design in and after the Bauhaus," in *Bauhaus 1919-1933: Workshops for Modernity* ed. in Barry Bergdoll and Leah Dickerman (New York: The Museum of Modern Art, 2009): 40-61.
- Larry Busbea, "Yona Friedman and the Groupe d'Études d'Architecture Mobile," in *Topologies: Urban Utopias in France, 1960-1970* (Cambridge, MA: MIT Press, 2007): 36-55.
- William Chaitkin, "The Alternatives," in *Architecture Today*, ed. Charles Jencks (New York: Harry N. Abrams, Inc., 1982): 220-99.
- Peter Cook, *Experimental Architecture* (New York: Universe Books, 1970).
- Ayala Levin, "Basic Design and the Semiotics of Citizenship: Julian Beinart's Educational Experiments and Research on Wall Decoration in Early 1960s Nigeria and South Africa," *ABE Journal* [Online], 9-10 | 2016, Online since 28 December 2016, connection on 13 January 2017. URL: http://abe.revues.org/3180 ; DOI: 10.4000/abe.3180
- Michel Ragon, "Mobile Architecture," *Landscape* 13, no. 3 (Spring 1964): 20-23.
- Maurice Stein and Larry Miller, eds. *Blueprint for a Counter-Education* (New York: Inventory Press, 2016). [Originally published in 1970 by Doubleday & Co. Inc.]
- Mark Wigley, "Network Fever," *Grey Room* 4 (Summer 2001): 82-122.

03/18 Spring Break (no class)

03/25 Week 9. Technologies and Environments

Primary Source Material

- Ludwig Mies van der Rohe, "Architecture and Technology," trans. Mark Jarzombek, in *The Artless Word: Mies Van Der Rohe on the Building Art*, ed. Fritz Neumeyer (Cambridge: MIT Press, 1991): 324.
- Frederick Kiesler, "On Correalism and Biotechnique: A Definition and Test of a New Approach to Building Design," *Architectural Record* 86, no. 3 (September 1939): 60-75.
- Joan Littlewood [with Cedric Price], "A Laboratory of Fun," *New Scientist* 38 (May 14, 1964): 432-433.
- Marshall McLuhan, "The Invisible Environment: The Future of an Erosion," *Perspecta* 11 (1967): 163-167.
- Godfrey Boyle and Peter Harper, eds. "Introduction" in *Radical Technology* (New York: Pantheon Books, 1976): 6-9.

Secondary Literature

- Daniel A. Barber, "Experimental Dwellings: Modern Architecture and Environmental Research at the MIT Solar Energy Fund, 1938-1963," in *A Second Modernism: MIT, Architecture, and the 'Techno-Social' Moment*, edited by Arindam Dutta et al. (Cambridge, MA: MIT Press, 2013): 252-85.
- Kenny Cupers, "*Bodenständigkeit: The Environmental Epistemology of Modernism*," *Journal of Architecture* 21, no. 8 (December 2016): 1226-52.
- Michael Osman, "Banham's Historical Ecology," in *Neo-Avant-Garde and Postmodern*, ed. Claire Zimmerman and Mark Crinson (New Haven: Yale University Press, 2010): 231-250.

Further Reading (not required)

- Reyner Banham, *The Architecture of the Well-Tempered Environment* (Chicago: Chicago University Press, 1969).
- Daniel A. Barber, *A House in the Sun: Modern Architecture and Solar Energy in the Cold War* (Oxford and New York: Oxford University Press, 2016).
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