

The End of Architecture: Amorphous, Entropic, Plasticity

Spring Semester 2022 (Posvar Hall, room 1502)

Instructor: Matthew Schlueb

Program Format: Five week course, 2 hour academic lectures, with time for question and answer.

Weekly bibliographies and online links provided for optional further reading, however no required text.

Course Objective:

To offer a master level survey of architecture in the twenty-first century, examining five pioneering architects and their influence on the future of architecture, examining the leitmotifs, manifestos, and partis pris in their work.

Course Description:

This course is the extension of a topic explored previously – The End of Architecture. Although the 2018 class is not required, this class is a continuation from Philip Johnson's [Glass House \(1949\)](#) and Rem Koolhaas' [Junkspace](#). From the end of the twentieth century, into the twenty-first, each lecture will focus on one architect, examining their schematic strategies, theoretic postulates, and material executions, pioneering the future of architecture. Charting the [decline of human centered architecture, into the amorphous, entropic, plasticity of contemporary space, disconnected, isolated, foreign to any natural or meaningful experience](#). Beginning with Zaha Hadid's [The Peak in 1982](#), a precursor to Frank Gehry's [Walt Disney Concert Hall in 1991](#), we will continue with revolutionary research by Philippe Block at ETH Zurich and Neri Oxman's [Media Matter Group at MIT](#), concluding with Jun'ya Ishigami's [Plaza at KAIT](#).

Course Outline:

Lecture 1: Zaha Hadid (Wednesday, March 16th, 1-3pm)

[The Peak Leisure Club](#), Hong Kong (1982-1983)

[Vitra Fire Station](#), Weil am Rhein (1990-1993)

Rosenthal Center for Contemporary Art, Cincinnati (1997-2003)

Guangzhou Opera House, Guangzhou (2003-2010)

[Ice Storm](#), Vienna (2003)

Heydar Aliyev Center, Baku (2007-2012)

Leeza SOHO, Beijing (2015-2019)

Lecture 2: Frank Gehry (Wednesday, March 23rd, 1-3pm)

[Gehry Residence](#), Santa Monica (1978, 2017-2019)

[Walt Disney Concert Hall](#), [Venezia Biennale Architettura \(1991\)](#), Los Angeles (1991-2003)

El Peix, Barcelona (1992)

Guggenheim Museum, Bilbao (1997)

[Experience Music Project](#), Seattle (2000)

Lou Ruvo Center for Brain Health, Las Vegas (2010)

Facebook West Campus, Menlo Park (2015)

Lecture 3: Philippe Block [Block Research Group, ETH Zurich, est. 2009] (Wednesday, March 30th, 1-3pm)

[Sustainable Urban Dwelling Unit](#), Ethiopia (2010)

Cable-net and fabric formed thin shell, Buda (2014)

[Armadillo Vault](#) (with Zaha Hadid), [Venezia Biennale Architettura \(2016\)](#)

[MycoTree](#), Seoul (2017)

KnitCandela - A flexibly formed thin concrete shell at MUAC, Mexico City (2018)

Beyond Bending II - Sustainable affordable housing for South Africa, [Venezia Biennale Architettura \(2021\)](#)

Acoustic Insulation through Structural Stiffness, ETH Zurich (2022)

Lecture 4: Neri Oxman [Media Matter Group, MIT, est. 2010] (Wednesday, April 6th, 1-3pm)

[Cartesian Wax](#), MoMA, NYC (2007)

[Silk Pavilion I & II](#), MoMA, NYC (2013, 2020)

Glass I & II, Cooper Hewitt Smithsonian Design Museum, NYC (2015, 2016)

Synthetic Apiary I & II, MIT (2016, 2021)

[Aguahoja I](#), SFMOMA (2018, 2022)

Totems, MoMA, NYC (2019)

Digital Construction Platform, NASA (2021)

Lecture 5: Jun'ya Ishigami (Wednesday, April 13th, 1-3pm)

[Magic Table](#), Tokyo (2006)

[KAIT Workshop](#), Kanagawa (2004-2008)

Japanese Pavilion, [Venezia Biennale Architettura \(2008\)](#)

Plaza at KAIT, Kanagawa (2008-2020)

Architecture as Air, [Venezia Biennale Architettura \(2010\)](#)

[Botanical Garden Art Biotop/Water Garden](#), Tochigi (2013-2018)

Chapel of the Valley, Shandong (2016-)

Bibliography:

[Junkspace](#), Rem Koolhaas, The Harvard Design School Guide to Shopping, 2001.
[Complete Works of Zaha Hadid](#), Fontana-Giusti, Gordana and Schumacher, Patrik, Rizzoli, 2004.
[Gehry Draws](#), Frank Gehry, 2004.
[Form and Forces: Designing Efficient, Expressive Structures](#), Ochsendorf J. and Block P., 2009.
[Material Ecology Catalogue](#), Neri Oxman, Museum of Modern Art, 2020.
[Jun'ya Ishigami](#), Kayoko Ota and Hans Ulrich Obrist, Serpentine Gallery, 2019.
[Another Scale of Architecture](#), Jun'ya Ishigami, LIXIL Publishing, 2019.

Instructor Bio:

Matthew Schlueb is a licensed architect practicing architecture for over two decades. He owns and operates a sole-proprietorship private practice, where he specializes in residential architecture and is dedicated to mastering the art of exceptionally tailored homes crafted by hand. He has authored ten books on architecture and lectures from the kindergarten to post-graduate level. His designs have been awarded locally and nationally by juried competitions, receiving praise internationally in both print publications and television media. His own home, Villa Vuoto, is a manifesto on creativity, questioning the conventions of the building industry, while expanding the minds and sensitivities of his two sons raised within circular space, where rooms are rounded and walls sloped. The house is an ongoing experiment exploring human sensibilities to subtleties revealed only by a careful handling of soft, curvilinear, textural form. Matthew was awarded Master of Architecture from Pratt Institute, where his thesis studied the visual perception of architectural space, exploring proxemic relationships between inhabitant and inhabitable form, isolating perceptual thresholds and their influences on human behavior. He continues this experimentation through his collaborations with local artists, folding their knowledge of materials and technique into his search for a meaningful architecture.

Instructor Experience:

Matthew Schlueb owns and operates a sole-proprietorship private practice, maintaining six to eight active projects, specializing in residential architecture. He has authored ten books on architecture and lectures from the kindergarten to post-graduate level.

Abridged CV:

2020 - Began construction of one-room, plant-based, addition to Villa Vuoto
2019 - Instructor, Carnegie Mellon University, Osher Lifelong Learning Institute, [The Architecture of Antoni Gaudí](#)
2018 - Invited Entry, Laka Foundation, [The End of Architecture](#)
2017 - Invited Speaker, PechaKucha Night Pittsburgh 26, [Are We the Last Architects?](#)
2016 - Instructor, University of Pittsburgh, Osher Lifelong Learning Institute, [Architecture in the Modern Era](#)
2015 - Featured writer/monthly contributor to the North Hills Magazine
2014 - Launched 'Architectural Storytelling' initiative, [Cherry Blossoms](#)
2013 - Featured guest on the Discovery Channel Network, [Epic Bathrooms](#)
2012 - Profiled in Pittsburgh Business Times, Executive Living, [A Well-Rounded Experience](#)
2011 - Villa Vuoto featured in Wesley Spectrum Tour of Homes, charitable fundraiser
2010 - Inaugural SCHLUEBarchitecture Student Design Competition, [Dream Home](#)
2009 - Published [An Architect's Manifesto on the Origins of Creativity](#)
2008 - Villa Vuoto published in Pittsburgh Magazine, winner of Superior Interiors, [Far Out](#)
2007 - Launched 'the schlueb suite: Rifugio Collection', SPLASH Luxury Home Collection
2006 - Villa Vuoto published in Moodne Kodu, Estonia, [Crusade Against Rectangle](#)
2005 - Featured guest on the HGTV Network, [OFFbeat America](#)
2004 - Completed construction on Villa Vuoto
2003 - Registered Architect, State of Ohio
2002 - Launched the 'Why Learn to Draw?' initiative, [creativity against the world](#)
2001 - NCARB Certification, licensed to practice throughout North America
2000 - Established SCHLUEBarchitecture studio, private practice, Pittsburgh
2000 - Registered Architect, State of Pennsylvania
1994 - Master of Architecture, Pratt Institute
1993 - Bachelor of Architecture, Pratt Institute
1991 - Bachelor of Science in Architecture, Ohio State University
1968 - Born in Columbus, Ohio

Authored Books:

2018 - [traces: drawing from underlays](#) (Villa Vuoto Publications, Pittsburgh)
2017 - [eave shakings: North Hills Monthly Magazine, vol.3](#) (Villa Vuoto Publications, Pittsburgh)
2016 - [mousetrap](#) (Villa Vuoto Publications, Pittsburgh)
2016 - [leaf shakings: North Hills Monthly Magazine, vol.2](#) (Villa Vuoto Publications, Pittsburgh)
2015 - [sleeve shakings: North Hills Monthly Magazine, vol.1](#) (Villa Vuoto Publications, Pittsburgh)
2012 - [sketches: blog on architecture](#) (Villa Vuoto Publications, Pittsburgh)
2008/2010 - [Villa Vuoto: An Architect's Manifesto on the Origin of Creativity](#) (Stella Cadente Publications, Pittsburgh)
2002/2005 - [creativity against the world](#) (Villa Vuoto Publications, Pittsburgh)
1994 - [gestured form and activated space](#) (Pratt Institute, New York)

Contact:

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publications: <http://www.amazon.com/author/schlueb>
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