

Assoc. Prof. Matias del Campo

Curriculum Vitae

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EDUCATION

2003 Universität für Angewandte Kunst, Vienna, Austria
Master of Architecture – with distinction

2018 RMIT Royal Melbourne Institute of Technology, Melbourne, Australia
PhD Doctor of Philosophy

PROFESSIONAL

SPAN OG

Founding Principal, 2003 – current
Offices in Shanghai, Vienna and Ann Arbor USA

Built Work

Austrian Pavilion Shanghai Expo 2010
SIVA Students Center & Gallery, Remodeling, 2016
SIVA Offices Remodeling 2015
HAWK Headquarters Office 2015
Housing in Vienna traveling exhibition design, 2007
The Austrian Winery Boom traveling exhibition design 2006

Current commissions

Fountains UTOPIA Park, Taiyuan, China
Kindergarten, Taiyuan, China
High School, Taiyuan, China
Bitcoin Mine, Inner Mongolia, China
1200 Unit Apartment Block in Jakarta Malaysia
Open air bath, Wuhan, China
Fashion Store on the Bund, Shanghai China
Several Product design commissions
Shopping Mall – Chengdu, China
Bubble Hotel – Guangzhou, China
Fresco Museum – Shanghai, China

Competitions

Austrian Pavilion EXPO 2020, Dubai, UAE, Finalist, 2018
Chinatown NYC Gateway, New York, USA, 2017
Bauhaus Dessau Museum 2015
Museum der Stadt Wien 2015
Bridge in Sevilla, Spain 2014
Bangalore Club, Bangalore, India, Finalist, 2013
Neubau Medienzentrum Universität für Musik und Darstellende Kunst, Finalist, 2012

Busan Opera Competition, Korea, 2012
DAM Maribor, Slovenia, 2011
Hong Kong Shanghai Border Station 2011
NOOR Island, Sharjah, 2010
Austrian Pavilion Shanghai Expo, 2008 - First Prize
Brancusi Museum, Paris, France, 2008 - First Prize
Blossom Store, Tokyo, Japan, 2008

ACADEMIC APPOINTMENTS

2014 – 2019 University of Michigan Taubman College of Architecture + Urban Planning, *Associate Professor*

Arch 421 – Geometric Modeling Seminar
Arch 531 - Architectural Design 2G2/2G4 Studio
Arch 562 – Architectural Design 2G2/3G5 Studio
Arch 591 – Generative Design Computing Seminar
Arch 662 – Architectural Design, Thesis Studio
Arch 703 – MSDMT (Master of Science in Digital & Material Technologies) Virtual Engagement Seminar

2018 University of Pennsylvania, *Lecturer I*

Arch 704-201 – Design Studio VI

2017 RMIT Melbourne Australia *Visiting Professor*

Arch Design Studio 3

2017 Tongji CAUP Shanghai *Workshop*

DigitalFUTURE – Robotics Workshop

2011 - 2013 University of Pennsylvania, *Lecturer I*

Arch 601 – Design Studio III
Arch 621 – Visual Studies III
Arch 602 – Design Studio IV

2015 RMIT Melbourne Australia *Visiting Professor*

Arch Design Studio 3

2015 Tongji CAUP Shanghai *Workshop*

DigitalFUTURE – Robotics Workshop

2014 Tongji CAUP Shanghai *Workshop*

DigitalFUTURE – Robotics Workshop

2014 Fudan SIVA, Detao *Workshop*

Advanced design techniques

2013 RPI Rensselaer Polytechnic Institute, *Adjunct visiting Professor*

Advanced design seminar, Studio

2012 Tsinghua University, Beijing, *Workshop*

Parametric Design Workshop

2012 Taubman College School of Architecture, University of Michigan, *Elial Saarinen Visiting Professor*

Propositions Studio

2012 Urban Strategies, Angewandte, Vienna *Workshop*

Atlas of Sensations

2011 ESARQ, Barcelona, Spain *Workshop*

2011 ANAHUAC Norte, Mexico DF, Mexico, *Workshop*

2009 TU Wien, Vienna, Austria, *Studio*
Surface Grammer

2008 CEDIM Monterrey, Mexico *Workshop*

2007 - 2011 Dessau Institute of Architecture at the Bauhaus, *Visiting Professor*
Second Year Studio
Thesis Studio
Coordinator CAD Logic course
Electives on computational design and culture

CURATORIAL PRACTICE

Since 2018 – Chair of the Exhibitions and Lectures Committee of Taubman College of Architecture and Urban Planning, University of Michigan

Archoutloud – Borders Competition 2017, Juror

Evolo Skyscraper Competition 2016, Juror

2018 Faculty Liaison, Student Exhibition
Taubman College School of Architecture University of Michigan

2018 Curator Exhibition Sublime Bodies
Arch Union Gallery Shanghai China.

2016 Technical Chair for ACADIA conference 2016
Curated the main topic of the conference as well as designing the visual image.

2015 Introduction to the lecture of Francois Roche and Camille Lacate
Taubman College School of Architecture University of Michigan

2014 Session Chair at ACADIA conference *Design Agency*
Fabrication agencies, curated the session as well as moderating the discussion.

2012 Curator of *Darkside Club*, Venice, together with Hernan Diaz Alonso and Francois Roche
Curated the topic and moderated the session

2010 International Architecture Biennale Beijing – Latin American Section
Curated public exhibition in Beijing China

2008 International Architecture Biennale Beijing – Latin American Section
Curated public exhibition in Beijing China

2008 Session Chair at ACADIA Conference *Silicon + Skin*
Non Standard Production Techniques, curated the session as well as moderating the discussion

INVITED JUROR

Cooper Union, New York, USA
University of California, Los Angeles [UCLA] AUD, USA
SCI_Arc Southern California Institute of Architecture, USA
University of Pennsylvania, USA

RPI, Rensselaer Polytechnic Institute, USA
Yale University, USA
FIU Florida International University, USA
Otis College of Art, USA
University of Kentucky College of Design, USA
University of Michigan Taubman College of Architecture + Urban Planning, USA
University of Southern California [USC] College of Architecture and Planning, USA
OSU Ohio State University, USA
CMU Carnegie Mellon University, USA
Calpoly Pomona, USA
AA Architectural Association, London, UK
Bartlett UCL, London, UK
University of Innsbruck, Austria
IAAC Barcelona, Spain
ICD Institute of Computational Design – University of Stuttgart, Germany
University of Applied Arts, Vienna, Austria
Tongji, Shanghai, China
Tsinghua, Beijing, China
University of Tokyo, Tokyo, Japan

Matias del Campo, mdc@span-arch.org (267).298.0608

RECOGNITION & AWARDS

2018 AIA Studio Prize

2016 Innovation in Glass Award
Research award of Guardian Glass

2015 Accelerate@CERN Award
Research award of the Swiss CERN Institute

2013 Best Paper award, DADA Conference, Beijing

2005 Traveling Award University of Applied Arts Vienna

2006 MAK Schindler Scholarship

EXHIBITIONS (selection)

2018 **Augmentations of the Real** MAK Center Garage, Los Angeles
Los Angeles, USA, 17.10.2018 – 08.12.2018

2018 **Digital Disobedience** Palazzo Bembo
Venice, Italy, 26.05.2018 – 25.11.2018

2017 **Sublime Bodies** Arch Union Gallery
Shanghai, China, 23.03.2017 – 27.10.2017

2017 **TALLIN ARCHITECTURE Biennale** TAC
Tallin, Estonia, 13.09.2017 – 27.10.2017

2016 **Particle Hut @ DigitalFUTURES**
Tongji CAUP, Shanghai China, 07.07.2016 – 07.09.2016

2016 **ABoxVShape** @ AAVS Shanghai Ten Show of the Architectural Association (AA) London
HKU Studying Center, Shanghai China, 07.19.2016 – 08.18.2016

2015 **NEW MANIFESTO** Experimental Architecture Biennale
Prague, Czech Republik, 09-10.2015 – 21.11.2015

2015 **Autonomous Tectonics** @ RMIT
RMIT Melbourne Australia, 07.11.2015 – 21.11.2015

2015 **Autonomous Tectonics** @ RoboticFUTURES
Tongji CAUP, Shanghai China, 07.07.2015 – 07.09.2015

2015 **Bauhaus Dessau Competition** exhibition
Bauhaus Dessau Germany, 30.10.2015 – 31.01.2016

2015 **EA-Biennale Volume 2 – New Manifesto**
Experimental Architecture Biennale Prague, 04.09.2015 – 18.10.2015

2015 **Vienna for Arts Sake! – The Luciano Benetton Collection**
Archive Austria – Contemporary Art – Belvedere, Vienna, Austria, 27.02.2015 – 31.05.2015

2014 **Process – Visionary Architecture and Generative Design**
EU-Make, Shanghai, China, 01.11.2014 – 29.11.2014

2014 **Autonomous Tectonics** @ DigitalFUTURES
Tongji CAUP, Shanghai China, 07.07.2014 – 07.09.2014

2014 **Digital Craft: Fabricating the Virtual in the Twenty-First Century**
Sliver Gallery, University of Applied Arts Vienna, 01.05.2014 – 16.05.2014

2013 **1st Shanghai Design Exhibition: Aesthetics of the City**
Power Station of Art, Shanghai, China, 03.12.2013 – 01.02.2014

2013 **Archilab 9: Naturalizing Architecture**
FRAC Center Orleans, France, 14.09.2013 – 03.03.2014

2012 **Austrian Design – Surprisingly Ingenious**
Maribor, Slovenia, 27.09.2012 – 12.11.2012

2012 **13th International Architecture Biennale Venice, Italy**
Slovenian Pavilion, Venice, Italy, 29.08.2012 – 25.11.2012

2011 **Pulsation in Architecture**
Wolfsonian Museum, Miami, USA, 21.10.2011 – 22.11.2015

2011 **MAK – Formations – Solo Show**
Museum für Angewandte Kunst Wien, 30.03.2011 – 11.09.2011

2011 **Concrete Geometries – The Relational in Architecture**
AA London, UK, 06.05.2011 – 28.05.2011

2011 **3 Concepts 1 Idea**
Vallery Gallery, Barcelona, Spain, 03.11.2011 – 04.12.2011

2010 **Autodesk University**
Las Vegas, Nevada, USA 15.12.2010 – 17.12.2010

2010 **ACADIA – Life in Formation**
Selected Project exhibition, 21.10.2010 – 24.10.2012

2010 **Yo.V.A. – Young Viennese Architects**
Kunsthalle Wien, 07.09.2010 – 26.09.2010

PUBLICATIONS

March 2017: Sublime Bodies, Architectural Problems in the Postdigital Age, Tongji Press, Shanghai, China

November 2016: AD Magazine, MOOD Edition, London, UK, Guest Editor

March 2016: Next Generation Building, TU Delft, Guest Editor

Contributions (Excerpt):

Dr. David Jason Gerber & Mariana Ibanez: **Paradigms in Computing**
eVolo 2014

Marie Ange Brayer & Frederic Migayrou: **Naturalizing Architecture**
Editions HXX, September 2013

Pablo Lorenzo Eiora & Aaron Sprecher (Ed.): **Architecture in Formation**
On the Nature of Information in Digital Architecture, Routledge 2013

Marjan Colletti: **Digital Poetics**
Ashgate 2013

Mark Burry (Ed.): **Scripting Culture: Architectural Design and Programming** (Architectural Design Primer) Wiley, June 2011

Tuba Kocatürk, Dr. Benachir Medjdoub (Eds.): **Distributed Intelligence In Design**,
Artifact and affect: Open-ended strata of communication, Wiley, January 2011

Eric Goldemberg (Ed.): **Pulsation in Architecture, Rhythm and Resolution** – why architecture needs funkiness,
May 2011.

Leach, Neil and Xu Wei-Guo (Eds.): **Machinic Processes** October 1, 2010.

Stadt Wien, Magistrat (Ed.): **Yo.V.A.3 – Young Viennese Architects 3**. Springer Vienna New York, Oct. 2, 2010.

Iwamoto, Lisa (Ed.): **Digital Fabrications: Architectural and Material Techniques**. Princeton Architectural Press, July 1, 2009.

Leach, Neil and Xu Wei-Guo (Eds.): **(Im)material Processes: New Digital Techniques for Architecture**. Dec 1, 2008.

Liu, Yu-Tung (Ed.): **Distinguishing Digital Architecture: 6th Far Eastern International Digital Architectural Design Award**, Birkhäuser (FEIDAD) Basel, May 3, 2007.

Prix, D. Wolf (Ed.): **Institute of Architecture 07/08**, University of Applied Arts Vienna, 2007.

Peer reviewed papers (Excerpt):

Proceedings of the S.Arch Conference 2019: Augmented Columns

Proceedings of the CAADRIA Conference 2019: The Church of AI: an examination of architecture in a posthuman design ecology

Proceedings of the TxA Conference 2018: Augmentations of the Real – A critical Interrogation of the relationship between the actual the virtual and the real

Proceedings of the ACADIA Conference 2017 Disciplines and Disruption: Plato's Columns: Platonic Geometries vs. Vague Gestures in Robotic Construction

Proceedings of IASS Annual Symposia, IASS 2016 Tokyo Symposium: Spatial Structures in the 21st Century – New Approaches, Materials & Construction Methods: Magnetically Controlled Concrete 3D Printing

Proceedings of IASS Annual Symposia, IASS 2015 Amsterdam Symposium: Future Visions – Emerging Technologies: 3D Printing and Robotics: Computational Methodologies in Robotic Material Extrusion for the Production of Double Curved Surfaces

Proceedings of the Design Modelling Symposium Berlin 2013: Autonomous Tectonics -a research into emergent robotic construction methods

Proceedings of the Design Modelling Symposium Berlin Oct. 2011, University of the Arts Berlin: Performative Surfaces, computational modeling and detail

Proceedings of the ACADIA Conference 2011 Life in Formation: The Austrian Pavilion at Shanghai Expo 2010

Proceedings of the Concrete Geometries Symposium 2010, AA School of Architecture, London, UK: Sense and Advanced Sensibility – about the Relationship of Sensuality, Obsessions and Advanced Design Techniques.

Proceedings of the IASS Symposium November 8-12 2010 Shell and Spatial Structures – Temporary and Permanent, Shanghai, China: Topological Surfaces as Modes of Formation in Nature.

Proceedings of the Innovative Design and Construction Technologies Symposium May 6-7 2009, Politecnico di Milano, Sense and Advanced Sensibility – about the Relationship of Sensuality, Obsessions and Advanced Design Techniques.

Proceedings of the Design Modelling Symposium Berlin Oct. 2009, University of the Arts Berlin: Sense and Advanced Sensibility – about the Relationship of Sensuality, Obsessions and Advanced Design Techniques.

Proceedings of the ACADIA Conference 2008 Silicon & Skin: Speculations on Tissue Engineering and Architecture.

Proceedings of the CNC-milling technology in architecture, art, and design 2008, TU Vienna: Machinic Ornament

– on Machinic Ornamentation, Structural Implications, and Architectural Affect.

Proceedings of the CNC-milling technology in architecture, art, and design 2007, TU Vienna: Performative Surfaces and the Economy of Form – on Machinic Patterns, Effects and Beauty.

Proceedings of the IASS Symposium 2007 Shell and Spatial Structures: Structural Architecture – Towards the future looking to the past, Venice, Italy: Moments of Transition, – Cuts, Holes, Perforations and Bifurcations.

PUBLIC LECTURES (Excerpt)

- 2019 Machine Hallucinations – ESARQ, Barcelona Spain, 05.06.2019
- 2019 Machine Hallucinations – Virginia Tech, Blacksburg Virginia, 02.08.2019
- 2018 Machines of Loving Grace - Victoria University, Wellington New Zealand, 08.02.2018
- 2018 Keynote Speaker - 2nd International Congress on Advanced Construction (CIACA 2) and the EESAP 9 - the European Congress on Energy and Sustainability in Architecture and Urbanism – a double feature in Bilbao, Spain. September 10 -12 2018
- 2018 Machines of Loving Grace – Tongji CAUP, Shanghai, China 01.07.2018
- 2018 Keynote Speaker – The Future of Building, Future of Building 2018 | Congress - Exhibition - B2B Meetings WKO Vienna, Austria, 05.08.2018
- 2017 Sublime Bodies – Book presentation. LA Forum, Los Angeles, CA, USA, 09.30.2017
- 2017 Discourse – Lecture and Panel Discussion. RMIT, Melbourne, VIC, Australia, 08.11.2017
- 2017 AAVS – Lecture and Panel Discussion, Shanghai, China, 07.14.2017
- 2017 Sublime Bodies – South China Normal University, Shanghai, China, 05.20.2017
- 2017 SPAN The Ontological Catastrophe of Messy but Precise Aesthetics. IAAC Barcelona, Spain, 01.17.2017
- 2016 SPAN Die Beschleunigung der Architektur, Lecture at the Naturhistorisches Museum Wien, 12.21.2016
- 2015 SPAN @ Biennale Sessions, PRS Europe, Barcelona, Spain, 29.10.2015
- 2015 SPAN, Moody Objects, Texas A&M TX, USA, 05.10.2015

- 2015 SPAN, Moody Objects, RMIT, Australia, 11.08.2015
- 2015 SPAN, Moody Objects, Tokyo University, Japan, 07.07.2015
- 2015 SPAN, Moody Objects, La Sapienza Rome, Italy, 24.02.2015
- 2015 SPAN, Moody Objects, MERCS, Lüneburg, Germany, 16.01.2015
- 2014 SPAN, Autonomous Tectonics, Venice Biennale, Italy, 22.11.2014
- 2014 SPAN, A China Skin, MIT, Boston, USA, 22.03.2014
- 2012 Widerstand Lecture Series, CalPoly Pomona, CA, USA, 16.11.2012
- 2012 SPAN, Sensible Bodies, AIA New York, NY, USA, 13.11.2012
- 2012 SPAN, Sensible Bodies, Carnegie Mellon University, USA, 29.10.2012
- 2012 SPAN, Sensible Bodies, RPI Troy, NY, USA, 17.10.2012
- 2012 SPAN, Sensible Bodies, Tsinghua Universität Peking, 25.07.2012
- 2012 SPAN, Sensible Bodies, ROCAD Bukarest, 16.05.2012
- 2012 SPAN, Sublime Bodies, SIVA Fudan University, Shanghai, 25.04.2012
- 2012 SPAN, Sublime Bodies, IoA Sliver Lecture, Universität für Angewandte Kunst Wien, 17.04.2012
- 2012 SPAN, Sensible Bodies, TU Innsbruck, Institut für Städtebau, 01.02.2012
- 2011 SPAN, Architectures of Desire, UCLA, Los Angeles, USA, 04.11.2011
- 2011 SPAN, Architectures of Desire, Changing Architecture Lecture Series, MAK Wien, 03.05.2011
- 2011 SPAN, ICD Expert lecture, Institute for Computational Design, University Stuttgart, 27.01.2011
- 2010 SPAN, Work in Progress, Academy of Fine Arts and Design, Bratislava, Slovakia, 08.12.2010
- 2010 SPAN, Work in Progress, Sede de Vigo del Colegio Oficial de Arquitectos de Galicia, Vigo, Spain, 02.12.2010

- 2010 SPAN, Architectures of Desire, HKU Hong Kong University, Shanghai, China, 21.01.2010
- 2010 SPAN, Architectures of Desire, University of Kentucky, 117 Pence Hall, Lexington KY, USA, 20.10.2010
- 2010 SPAN, Architectures of Desire, University of Michigan, Taubman College, USA 14.09.2010
- 2010 SPAN, 100 Minutes of Architecture, YO.V.A.3 KUNSTHALLE Wien Public Space Karlsplatz 07.09.2010
- 2010 SPAN, Architectures of Desire, HKU Hong Kong University, Shanghai, China, 21.01.2010
- 2009 SPAN, The Austrian Pavilion, Universität für Angewandte Kunst Wien, Austria, 02.11.2009
- 2009 SPAN, Sense and Advanced Sensibility, Università di Bologna, t<>p lecture series, Italy, 29.10.2009
- 2008 SPAN, Obsessions- Lecture Tsinghua University, Peking, China at NoDe Parametric Workshop, 22.10.2008
- 2008 SPAN, Liquid Codes Lecture at the Hyperbody Studio TU Delft, Netherlands 09.10.2008
- 2007 SPAN, Moments of Transition Lecture at the DigitalCities conference, Bauhaus Dessau, Germany 09.09.2007
- 2007 SPAN, Work in Progress Lecture at the Design Research II lecture series, Institute of Structural Engineering, University Kassel, Germany, 24.04.2007
- 2007 SPAN, Continuous Difference Lecture at the Architecture Theory lecture series of Neil Leach, SCI_Arc, Los Angeles, USA, 21.03.2007
- 2007 SPAN, Work in Progress Lecture at the Advanced Design Studio, Woodbury University, Los Angeles, USA, 10.03.2007
- 2006 SPAN, Work in Progress Lecture at SCI_Arc Lunch Talks, lecture series, 29.12.2006