PROMOTION RECOMMENDATION
The University of Michigan
A. Alfred Taubman College of Architecture and Urban Planning

Matias del Campo, associate professor of architecture, without tenure, A. Alfred Taubman College of Architecture and Urban Planning, is recommended for the granting of tenure to be held with his title of associate professor of architecture, A. Alfred Taubman College of Architecture and Urban Planning.

Academic Degrees:
M.Arch.   2003   University of Applied Arts, Vienna, Austria
Ph.D.   2018   Royal Melbourne Institute of Technology, Melbourne, Australia

Professional Record:
2014 – Present   Associate Professor of Architecture, without tenure, A. Alfred Taubman College of Architecture and Urban Planning, University of Michigan
2010 – 2013   Lecturer, Stuart Weitzman School of Design, University of Pennsylvania, Philadelphia, PA
2003 – Present   Partner, Director of Design, SPAN Baukunst, del Campo Manninger OG (LLC)

Summary of Evaluation:
Teaching: Professor del Campo's teaching responsibilities at the Taubman College are located in the Master of Architecture degree, with a particular focus on advanced studios and electives, and the Master of Science in digital and material technologies degree. Beyond the college, his collaborations with CERN and Michigan Robotics as well as his role in developing the university-wide XR certificate are important interdisciplinary initiatives Professor del Campo brings to the course offerings at the Taubman College. His thesis studio The New Grand Tour taught in 2017-2018 was the recipient of the Architect Studio Prize, the second of two studios taught with support from CERN.

Research: Professor del Campo's research efforts apply the innovative use of computational tools to the design of architectural elements of both a historical and contemporary nature. He has realized the product of this research both through his practice in SPAN and through his work in graduate student studios. Professor del Campo has also been successful in disseminating this effort through numerous invited lectures, exhibits, publications and built objects. With co-author Sandra Manninger, he has published the book Sublime Bodies: Architectural Problems in the Post Digital Age, through the Tongji University Press in 2017. In this work, he and Manninger explore architectural form both as surface and as spatial geometry in relation to both contemporary techniques of digital fabrication as well as to historic precedents from the gothic, baroque and art nouveau traditions.

<u>Recent and Significant Publications, Exhibitions, and Awards</u>:

del Campo, Matias and Alexandra Carlson and Sandra Manninger. 2020. Towards Hallucinating Machines - Designing with Computational Vision. *International Journal of Architectural Computing*, Volume 17, No 3, 2020, pp. NN.

del Campo, Matias and Alexandra Carlson and Sandra Manninger. 2020. 3D Graph Convolutional Neural Networks in Architecture Design, Distributed Proximities, Association of Computer Aided Design in Architecture.

del Campo. Recent Projects, FEEDback>>. Curated by Eric Goldemberg, Bienal Internacional de Arquitectura de Buenos Aires – Usina del Arte, Buenos Aires, Argentina, 2019, mixed media.

del Campo. Augmentations of the Real & Robot Garden, Space and Experience - Architecture for a Better Life, curated by Nicole Stöckelmeier, MAK Museum of Applied Arts, Vienna, Austria, 2019, mixed media.

del Campo, Matias and Sandra Manninger. 2019 Architect Studio Prize, The New Grand Tour—A New Visitors Center for CERN.

<u>Service</u>: Professor del Campo's service within the college has been in the areas of admissions, faculty searches, lectures and exhibitions, and as the organizer of the Year End Exhibition. At the university level, Professor del Campo is an active member of interdisciplinary teams developing robotics and XR (which includes augmented and virtual reality). The XR initiative involves a university-wide committee that is developing the first certificate of its kind in the United States. Outside the college, he is an active member of the Association for Computer Aided Design in Architecture, which is the primary national organization focused on the use of digital technology in architectural design, research, and education. Professor del Campo serves as a board member and has twice organized the annual conference. In 2020, he co-chaired DigitalFUTURES, an annual conference hosted by Tongji University in Shanghai China. This fall, the DigitalFUTURES conference received the ACADIA Innovative Academic Program Award of Excellence.

<u>External Reviewers</u>:

Reviewer A: "In his creative practice, Professor del Campo has worked successfully in multiple domains—Artificial Intelligence, Robotics, and Augmented Reality. He has demonstrated his ability to work at the forefront of each domain in the service of a larger agenda by connecting the ideas that come from these emerging frontiers into architectural practice... It is clear that Professor del Campo has had a significant impact on the field of computational design and the discipline of architecture in general. He has been a leader for well over a decade and the quantity and quality of his work has only increased."

Reviewer B: "Matias del Campo is one of the foremost leaders today in architecture exploring a broad range of contemporary emergent technologies as a critical design platform to respond to our changing world. His impressive expertise in Augmented & Virtual Reality, artificial Intelligence, and advanced fabrication techniques have provided him with an extraordinary wealth of insight into a more novel and speculative approach to architectural design."

Reviewer C: "…part of what makes Mr. del Campo compelling is his 'heritage' within a very small group of experimental architects whose impact on the discipline is still being felt…While

some of the Vienna cohort has stagnated into the purely stylistic, Mr. del Campo continues to evolve. His more recent work with AI and AR is evidence of his progressive thinking, and the move towards using AI and AR in pedagogy is indicative of a generalized willingness to push into the unknown."

Reviewer D: "…the continuing advance of emerging technologies requires agile thinkers, such as Matias, who can continually posit how such innovations fit into the discourse and practice of our profession...I would say that there are few, if any, architects as prolific at digital and post-digital research and publication as Matias Del Campo…few…that are as prolific in their combination of publishing, symposium engagements, lectures, panel discussions and reviews."

Reviewer E: "While new technologies have been unfolding with unprecedented speed, del Campo has kept pace exploring what these new technologies could mean for architecture…it is clear, given the impressive width, astonishing quantity and superb quality of his work, that Matias del Campo is a great asset for any architecture faculty of leading schools around the world."

Reviewer F: "Prof. Del Campo has developed important and provocative work on the boundaries of architecture and the digital, and he has set the standard for conversation in this sphere in his practice, publication, exhibition, and teaching. It is evident that he is an outstanding leader in his field, in addition to his creative and critical capabilities."

Summary of Recommendation:
Professor del Campo is an accomplished scholar and innovate teacher leading the way in the innovative use of computational tools in architectural design. He also provides important service to the college, university, and profession. It is with the support of the Taubman College Promotion and Tenure Committee and the Executive Committee that I recommend Matias del Campo for the granting of tenure to be held with his title of associate professor of architecture, A. Alfred Taubman College of Architecture and Urban Planning.

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Jonathan Massey
Dean and Professor
A. Alfred Taubman College of
Architecture and Urban Planning

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