

PHD PROGRAM OVERVIEW 2018–19

A Year in Perspective

The 2018–19 academic year was a period of transition for our PhD community: Professor Rahman Azari assumed leadership of the PhD program, while Professor Sabatino served as Dean of the College of Architecture. Under the directorship of Professor Azari—whose research interests include energy use and the environmental impacts of built environments—the program became more engaged in technology-related scholarship and academic activities. For the first time, our annual symposium focused on a technology topic, *Buildings, Cities, and Performance*, and called for research to enhance the discussion of building-related urban energy use. Similarly, our weekly PhD Research Forum lecture series addressed themes related to environmental and energy performance with more than 20 local and international guest lecturers from academia and industry coming to IIT to present research on topics including: solar architecture, optimization of building energy systems, energy performance of high-rise office buildings, curtain walls in the Farnsworth House, and the legacy of the Bauhaus school. If the mythological Greek Titan Prometheus existed today, would such an immortal creature assume a different guise? Instead of fire, I wonder what Prometheus would bring to us that could enhance the search for progress and the maintenance of our natural, cultural, and built environments?

Curator

Marcos Petrolí, PhD Candidate
and Administrative Assistant
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Despite being an academic year of transition for our PhD community, we also saw continuity. The structure of our academic programs remained consistent, reminding us that progress in academia is not only the construction of revolutionary ideas, or a fresh start in a situation of tabula rasa, but is also a constant process of discipline, improvement, and diligence. Certainly, these qualities can be seen in the commitment of my colleagues and their advisors in pursuing innovative research, which ultimately reflects on our accomplishments.

ACADEMIC PROGRAMMING

Architecture Research Forum

Our PhD program's weekly PhD Research Forum lecture series is meant to provide PhD students and faculty with opportunities to learn from and interact with researchers from a host of different backgrounds, and local, national, and international institutions. Here, we provide a list of guest speakers who visited us during the Fall 2018 and Spring 2019 semesters. All lectures are held at 3410 S. State, a Ludwig Mies van der Rohe-designed building completed in 1952; it was originally known as the Gas Technology Building.

FALL 2018**1 — August 30 “India’s Endeavor in Mitigating Climate Change”**

Ankit Bhalla, Visiting PhD Candidate at IIT
Department of Architecture and Planning, Indian Institute of Technology Roorkee

2 — September 06 “Designing the Modern City: Modern Urbanism and its Postwar Critics”

Eric Mumford, Rebecca and John Voyles Professor of Architecture
Sam Fox School of Design & Visual Arts, Washington University in St. Louis

3 — September 13 “The Second Urban Revolution”

Robert Fishman, Professor
Taubman College, University of Michigan

4 — September 20 “The Aural Environment in Architecture: An Exploration of Design that Responds to What We Were Meant to Hear”

Scott Pfeiffer, FASA
Partner at Threshold

5 — September 27 “Solar Architecture: Historical and Contemporary Investigations”

Anthony Denzer, Associate Professor, Department Head
Civil & Architectural Engineering, University of Wyoming

6 — October 05 “Bauhaus Centenary: Trial and Error”

Claudia Perren, CEO and Director
Bauhaus Dessau Foundation

7 — October 11 “Curtained Walls: Architectural Photography, the Farnsworth House, and the Opaque Discourse of Transparency”

Sarah M. Dreller, Independent Architectural Historian,
 Digital Humanist, Educator, and Editor

8 — October 18 “Towards Structural Design with Integrated Damage Detection Philosophy”

Didem Ozevin, Associate Professor
Civil and Materials Engineering, University of Illinois at Chicago

9 — October 25 “Towards Practical Optimization of Building Energy Systems in the Built Environment”

Mohammad Heidarinejad, Assistant Professor
Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology

10 — November 01 “Cycles of Meaning: Embodiment and the Conceptualization of Architectural Space”

Philip Plowright, Professor
College of Architecture and Design, Lawrence Tech

11 — November 29 “Economic Development and Small Town Governance—Building Place in the 21st Century”

Daniel Bliss, Assistant Professor
Department of Social Sciences, Illinois Institute of Technology

SPRING 2019**12 — January 24 “Outsourcing, Accountability, and Environmental Governance”**

Jonathan Rosenberg, Professor, Chair
Department of Social Sciences, Illinois Institute of Technology

13 — January 31 “Capturing the Archive, Addressing the Media: The Construction of Professional Identity in Architecture”

Duygu Yarimbaz, PhD Candidate
Architecture Department, Mimar Sinan Fine Arts University

14 — February 21 “A Performance Based Parametric Design Approach For Early Design Stage of High-Rise Office Buildings, Integrated with Wind Turbines”

Farid Pour, Senior Sustainable Design Manager
 HOK

15 — February 28 “The Chameleon Effect—Architecture’s Role in Film”

Dietmar Froehlich, Associate Professor
Gerald D. Hines College of Architecture, University of Houston

16 — March 07 “Thermodynamic Narratives”

William Braham, FAIA, Director MSD Environmental Building Design
Center for Environmental Building & Design, University of Pennsylvania

17 — March 14 “George Fred Keck: Passive Solar Domestic Architecture”

Robert Boyce, Retired Miller Mischler Professor of Art
 Berea College

18 — March 28 “The Chicago Tribune Tower Competition: From Saarinen to Tigerman”

Katherine Solomonson, Associate Professor
School of Architecture, College of Design, University of Minnesota

19 — April 04 “Intelligent Infrastructure: Zip Cars, Invisible Networks, and Urban Transformation”

Therese Tierney, Associate Professor, Director
URL: Urban Research Lab, School of Architecture, University of Illinois at Urbana-Champaign

20 — April 11 “Encounters and Meditations on Religious Experiments and Reconsidered Geographies in the 20th Century”

Antonio Petrov, Associate Professor
College of Architecture, Construction and Planning, The University of Texas at San Antonio

21 — April 18 “Nowhere, Except the Film: The Barcelona Pavilion”

George Dodds, Alvin and Sally Professor of Architecture
University of Tennessee Knoxville

22 — April 25 “Mies and the Almost Brick Villas”

Leslie Van Duzer, Professor
School of Architecture and Landscape Architecture, The University of British Columbia

23 — May 02 “Bridging the Bosphorus: Geopolitics, Infrastructural Modernization, and Urban Imaginary in Istanbul”

Sibel Bozdogan, Visiting Professor
History of Art & Architecture, Boston University