

## Personal Information

**Mahdi Motamedmanesh**

**Assistant Professor of Architecture; School of Arts, Department of Architecture**

Birth place / date: Tehran / 22 June 1982

Address: Tarbiat Modares University, School of Arts  
Jalal-e al-e Ahmad, Nasr Bridge, Postal code: 14115-111

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## Education

- |                 |   |
|-----------------|---|
| 2012-2019<br>#  | <ul style="list-style-type: none"><li>• (Dr.-Ing.), Architectural Technology, Technische Universität Berlin, Institute for Architecture<br/>Thesis Title: The Influence of Architectural Form on the Development of Structural Systems: Tectonic Architecture and the Rise and Demise of New Families of Structures in the West Europe Region and the United States (1935-65).#</li></ul> |
| 2005-2008<br>## | <ul style="list-style-type: none"><li>• M. Sc., Preservation and Restoration of Historic Buildings and Urban Fabrics, University of Tehran, Faculty of Fine Arts#</li></ul>   |
| 2001-2005<br>## | <ul style="list-style-type: none"><li>• Bachelor of Architectural Engineering, University of Guilan, Faculty of Art and Architecture#</li></ul>   |

## Publications#n Books and Journals (peer-reviewed)#

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|------|--|
| 2022 | <ul style="list-style-type: none"><li>• Motamedmanesh, Mahdi. "Achaemenid Building Technology: The Key to a New Reading of Achaemenid Royal Architecture," <i>Journal of the Society of Architectural Historians</i> 81(3): 299-319.</li><li>• Motamedmanesh, Mahdi &amp; Pan, Yiting. "A Research Perspective on Asian Construction History," <i>The Heritage Spectator</i>, issue 2, 4-16. Suzhou: China-Portugal Joint Laboratory of Cultural Heritage.</li><li>• Motamedmanesh, Mahdi &amp; Royan, Samira. "Khosrow II (590–628 CE)", <i>Encyclopedia of Medieval Royal Iconography</i>, (91-106), Basel: MDPI, ISBN: 978-3-0365-5369-6.</li></ul> |
| 2021 | <ul style="list-style-type: none"><li>• Motamedmanesh, Mahdi. "Precursors of Aseismic Design: The Case of Achaemenid Monumental Architecture," <i>History of Construction Cultures</i>, vol. 2, 9-</li></ul>   |

16, eds. João Mascarenhas-Mateus and Ana Paula Pires, Leiden: CRC Press (Taylor & Francis Group). ISBN: 978-1-032-00199-9

- 2018
- Motamedmanesh, Mahdi. "The Secret of Zoomorphic Imposts: A New Reading of the Achaemenids' Roofing Systems," in *Building Knowledge, Constructing Histories*, vol. 2, Chapter 34, eds. Ine Wouters, Stephanie van de Voorde, Inge Bertels, Bernard Espion, Krista de Jonge, and Denis Zastavni, (959-66), Brussels: CRC Press (Taylor & Francis Group). ISBN: 978-1-138-33235-5.
- #
- Motamedmanesh, Mahdi. "From Gaudi to Torroja: The Sources of Innovation in Construction with Reinforced Concrete," in *Proceedings of the International Conference on Construction Research: Architecture, Engineering and Concrete*, (503-510), ed. Edición y Diseño, Madrid: Eduardo Torroja Foundation. ISBN: 978-84-941820-8-2
- #
- Motamedmanesh, Mahdi. "Memāri-e saltanati-e Hakhāmaneshi: namādi az fanāvāri va kherad-e ensāni dar ahd-e bāstān" [Achaemenid Imperial Architecture: A Symbol of Technology and Wisdom in Antiquity], *Journal of Iranian Architecture Studies*, no. 13: (5-32). ISSN: 2252-0635
- 2017
- Motamedmanesh, Mahdi & Rückert, Klaus. "Ideology, fanāvāri, va memāri: Az shekl-e sāze ta form-e memāri dar gozar az roome bāstān be itāliā-ie ronesāns va bārok" [Ideology, Technology and Architecture: From Structural Shape to Architectural Form in Transition from the Roman Empire to Renaissance and Baroque Italy], *Soffeh*, no. 73: (401-24). ISSN: 1683-870X.
- 2016
- Motamedmanesh, Mahdi. "The Matter of Authenticity: A Critical Review of Restoration Activities Implemented by IsMEO in Persepolis," *Arts*, vol. 5: (1-19). ISSN: 2076-0752.
- 2015
- Motamedmanesh, Mahdi & Rückert, Klaus. "Form Follows Construction: A Technical Analysis of the Arch of Kasra," in *Proceeding of the 5<sup>th</sup> International Congress on Construction History*, vol. 3, eds., Brian Bowen, Donald Friedman, Thomas Leslie, and John Ochsendorf, (31-40), Chicago: The Construction History Society of America. ISBN: 9781329150355.
- 2009
- Motamedmanesh, Mahdi. "Daramadi bar gooneshansi Payanehai-e mosaferi Jadei" [A Survey on the Typology of Passenger Terminals], *Abadi Journal*, No. 61, (68-75).
  - Motamedmanesh, Mahdi & Ghanadan, Farshid, "Olgoyi bara-ie barnamerizi-e Kalbadi-e payaneha-ie Mosaferi-e Jadei" [A New Approach to the Physical Planning of Passenger Terminals], *Abadi Journal*, No. 61: (56-59).

- 2008
- Motamedmanesh, Mahdi & Hodjat, Mehdi. "Roostaha-ie Yeilaghi-e dirooz - Baft haye shahri-e emrooz" [Suburban Villages of the Past – Today's Urban Fabrics], *Abadi Journal*, No. 60: (68-75).#

### **Abstract or Poster Publications#(peer-reviewed)#**

- 2020
- Motamedmanesh, Mahdi. "Achaemenid Monumentality: The Issue of Tectonic Strategies," abstract got published online in the abstract series of the SAH 73<sup>rd</sup> Annual International Conference, Seattle, Washington, 29 April-3 May.
- 2019
- Motamedmanesh, Mahdi. "Ernst Herzfeld and Achaemenid Studies: The Need for a Paradigm Shift in Scholarly Viewpoints," abstract got published in the abstract booklet of The 9<sup>th</sup> *European Conference of Iranian Studies*, Berlin: Freie Universität Berlin, 9–13 September.
- 2018
- Motamedmanesh, Mahdi. "Architecture, Technology, and a Dream Named Modernity: The Legacy of Pahlavi," the talks report got published in *Spektrum Iran* 31, no.#.
- 2016
- Motamedmanesh, Mahdi. "Achaemenid Architecture: Towards a Revolutionary Progress in the Technology of Architecture in Stone," in *the Abstract Book of 10<sup>th</sup> International Congress on the Archaeology of the Ancient Near East*, (159), Vienna: Austrian Academy of Science, 25-29 April.
  - Motamedmanesh, Mahdi. "The Sources of Innovative Ideas: Evolution or Revolution in Building Technology?" in *Proceedings of the 4<sup>th</sup> International Congress on Civil Engineering, Architecture and Urban Development* (CD/electronic publication), Tehran: Shahid Beheshti University, 27-29 December.

### **Books**

- 2019
- Motamedmanesh, Mahdi, *The Influence of Architectural Form on the Development of Structural Systems: Tectonic Architecture and the Rise and Demise of New Families of Structures in the West Europe Region and the United States (1935-1965)*, Technische Universität Berlin, Berlin, available at Google Books: [https://books.google.de/books/about/The\\_Influence\\_of\\_Architectural\\_Form\\_on\\_t.html?id=SQUxzAEACAAJ&redir\\_esc=y](https://books.google.de/books/about/The_Influence_of_Architectural_Form_on_t.html?id=SQUxzAEACAAJ&redir_esc=y) #

- 2008
- *Zavabet-e fani tarahi-e payane-ha-ie mosaferi jade-i* [Technical Criteria for Designing Passenger Terminals], Publication no. 352, Plan & Budget Organization of Iran, Tehran (member editorial team).
  - Collaboration in the translation of documents published in: Feilden, Bernard M. and Jokilehto, Jukka. *Management Guidelines for World Cultural Heritage Sites*, translated into Farsi by Dr. Pirooz Hanachi, University of Tehran

## **Presentations at Scientific Events**

- 2023
- Motamedmanesh, Mahdi. 2<sup>nd</sup> Founding Members Meeting, ACHN, Executive Meeting – Leadership Roles and Annual Action Plan, Moderator, 10 February.
- 2022
- Motamedmanesh, Mahdi. “Silk Road as an Indicator of the Importance of Researching on the History of the Built Environment in Asia”, Keynote Speech, Research Open Day, Xi’an Jiaotong-Liverpool University, 9 November.
- 2021
- Motamedmanesh, Mahdi. 1<sup>st</sup> Founding Members Meeting, ACHN, Moderator, 2 November.
  - Motamedmanesh, Mahdi. Invited Talk, “The Asian Networking on Construction History,” in Construction History, an Antipodean Perspective, Roundtable Session at SAHANZ, Adelaide. 11 November.
  - Motamedmanesh, Mahdi. “The Achaemenids and Earthquakes: How Did Their Colossal Monuments Withstand Earth Tremors?”, invited talk, International Symposium *Working on Stones in the Achaemenid Empire: Methods, Theories and Techniques*, held online by the Eurasien Abteilung Deutsches Archäologisches Institut Außenstelle Teheran, 17-19 September.
- 2020
- Motamedmanesh, Mahdi. “Achaemenid Monumentality: The Issue of Tectonic Strategies,” The SAH 73<sup>rd</sup> Annual International Conference, Seattle, Washington, U.S., 29 April – 3 May (due to the Covid-19 pandemic, the congress was held online)
- 2019
- Motamedmanesh, Mahdi. “Ernst Herzfeld and Achaemenid Studies: The Need for a Paradigm Shift in Scholarly Viewpoints,” The 9<sup>th</sup> *European Conference of Iranian Studies*, Berlin: Freie Universität Berlin, 9–13 September.
- 2018
- Motamedmanesh, Mahdi. “Architektur, Technologie und der Traum der Moderne: Das Erbe des Pahlavi,” 3. *Iranistik Forum*, Berlin: Iran-haus, 15-17 June.
  - Motamedmanesh, Mahdi. “The Secret of Zoomorphic Imposts: A New Reading of the Achaemenids’ Roofing Systems,” *The 6<sup>th</sup> International Congress on Construction History*, Brussels, 9-13 July.

- Motamedmanesh, Mahdi. "From Gaudi to Torroja: The Sources of Innovation in Construction with Reinforced Concrete," *International Conference on Construction Research: Architecture, Engineering and Concrete*, Madrid: Eduardo Torroja Foundation, 21-23 November.
- 2016
- Motamedmanesh, Mahdi. "Achaemenid Architecture: Towards a Revolutionary Progress in the Technology of Architecture in Stone," *The 10<sup>th</sup> International Congress on the Archaeology of the Ancient Near East*, Vienna: Austrian Academy of Science, 25-29 April.
- 2015
- Motamedmanesh, Mahdi. "A Cultural Dimension of Technology; An Architectural Approach," *The 2<sup>nd</sup> International Conference and Project Meeting on Advanced Science and Technologies for Sustainable Development in Iran*, Frei Universität Berlin, Germany, 8-10 September.
  - Motamedmanesh, Mahdi & Rückert, Klaus. "Form Follows Construction: A Technical Analysis of the Arch of Kasra," *The 5<sup>th</sup> International Congress on Construction History*, Chicago: The Construction History Society of America, 3-7 June.
- 2007
- Motamedmanesh, Mahdi. "The Pathology of the Cultural Landscape at Pasargadae," in the First International Congress on the Achievements of Parse-Pasargadae Research Institute, University of Tehran.

## **Honours**

- 2022
- Member of the Green Steering Committee, Tarbiat Modares University
  - Member of the Judges Committee, The Exemplary Student Award, Organization of Student Affairs, Iran
- 2019
- Invitation letter for reviewing a paper for the journal of *Asian Architecture and Building Engineering*, Taylor and Francis Ltd.
- 2018
- Best Paper Award, awarded by the Scientific Committee of the 6<sup>th</sup> International Congress on Construction History, Brussels, Belgium
  - Invitation letter for reviewing a paper for *Architectural Science Review*, Taylor and Francis Ltd.
- 2015
- Bavar Award, The scientific competition held by the Union of Islamic Students Associations in Europe, the second place in the field of Art and Architecture
  - Competition for designing the logo of Bavar Journal, the First place
- 2010
- The First Competition for Designing Building Façades with the Use of Natural Materials, the author's project got published among other participants and selected projects, *Journal of Architecture and Building*, No. 22-23: 172

- 2008 • Letter of Appreciation emphasizing the outstanding academic achievements of the awardee, awarded by the Faculty of Fine Arts, University of Tehran
- 2006 • Letter of Appreciation, awarded by the Engineering Department of Tehran Province, “The First Competition for Designing Inner City Bridges in Tehran.”

## **Grants and Fellowships**

- 2023 • Scott Opler Membership Grant for Emerging Professionals, Society of Architectural Historians.
- 2021 • Conference Grant, The Gesellschaft für Bautechnikgeschichte
- 2020 • DAAD, Vortragsreisen Stipendium
- 2019 • The SAH (Society of Architectural Historians) Annual Conference Graduate Student Fellowship
- 2018 • Travel Grant, Technical University of Berlin
- DAAD, Vortragsreisen Stipendium
- Conference Grant, The Gesellschaft für Bautechnikgeschichte
- 2017# • Abschluss-Stipendium, TU Berlin and DAAD
- 2016 • Travel Grant, Technical University of Berlin (TU-DOC office)
- 2015 • Travel Grant, The Construction History Society of America
- Travel Grant, Technical University of Berlin
- 2012 • Ph.D. Scholarship, the Ministry of Science, Research and Technology of Iran.

## **Scientific Courses and Workshops**

- 2022 • From PhD to Innovator Workshop, Young Entrepreneurs in Science, Falling Walls Foundation
- 2020 • GAHTC Teacher-to-Teacher Workshop: Teaching World Histories and Theories, Society of Architectural Historians, Seattle, Washington (due to the Covid-19 pandemic, the congress was held on a virtual basis)
- 2017 • University Workshop: Rethinking the Quality of your Programme: Internationalizing learning outcomes, TU Berlin
- Developing Engineering Education with the CDIO approach
- 2015 • University Course: English for Specific Purposes: Sustainability, Advanced Level TU Berlin
- 2014 • University Workshop: Good Scientific Practice, TU Berlin
- University Workshop: Self-marketing Seminar for Young Scientists, TU Berlin.
- University Course: English for Academic Purposes, Academic Writing Skills and Oral Presentation Skills, Advanced Level, TU Berlin

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- University Course: Fachorientiertes Englisch Fuer Naturwissenschaften, TU Berlin.
- 2013
- University Workshop: Planning a Presentation or Lecture for an English-Speaking Audience, TU Berlin.
  - University Course: Academic Writing for Graduated Students, Humboldt University Berlin, 2013.
- 2012
- Design Build-studio: New Ways in Architectural Education, TU Berlin
  - University course: Getting Started: The Path to a Successful Doctorate, TU Berlin

## **Other Research Activities**

- 2021-Present
- Among the initiators and founding members of ACHN (Asian Construction History Network)
- 2020-Present
- Member of the Gesellschaft für Bautechnikgeschichte #
- 2019-Present
- Member of the Society of Architectural Historians#
- 2018-2019
- Member of the Construction History Society#
- 2016-2021
- Teaching Persian calligraphy to western students in Germany#
- 2015-Present
- Paper Reviewer, *Journal of Civil Engineering and Architecture* (David Publishing Company)#
- 2011
- Member of the Scientific Committee for preparing the 'Intervention and Development Criteria' for the Historic Urban Fabric of Qom#
- 2004-2005
- Collaboration with Guilan Rural Heritage Museum
  - Founder, Editor-in-Chief, and the member of editorial team, *Panj Dari*, the Journal of the Scientific Society, School of Art and Architecture, University of Guilan #

## **Computer Skills**

- 3ds Max
- Microsoft Office
- Photoshop
- AutoCAD
- EliteCAD

## **Languages**

Farsi: Native Speaker

English: Fluent

German: Intermediate

Arabic: Basic

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