

Nima Valibeig

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APPOINTMENTS

ICCROM, Italy

ICCROM Fellow Sept. 2021-present
Research Topic: “Persian Public Gardens, the Lost Public Gatherings Functionality”

ARS Progetti SPA, Italy

Historic Monument Conservation and Engineering Consultant Jan 2022- present
Conservation plan of historic houses in Abastumani, Georgia

Art University of Isfahan, Iran

Associate Professor, Department of Architectural and Urban Conservation 2021-present
Assistant Professor, Department of Architectural and Urban Conservation 2012-2021
Department Chair, Department of Architectural and Urban Conservation 2019-present
Associate Chair of Education, Department of Architectural and Urban Conservation 2012-2019

Isfahan Mathematics House, Iran

Director, Department of Math & Art 2012-2014

PROFESSIONAL AFFILIATIONS

Historical Monument Expert Witness, Official Expert Organization, Iran Ministry of Justice

2020-Present

Certified Construction Auditor, Iran Ministry of Roads and Urban Development

2001-present

EDUCATION

Art University of Isfahan, Iran

Ph.D., Architectural and Urban Conservation, Dec. 2012
Dissertation: “The Relationship between Theo-Practical Geometry and Stability of Persian Brick Barrel Vaults”

Art University of Isfahan, Iran

M.A., Restoration & Revitalization of Historical monuments & Urban Fabrics, Aug.2000
Thesis: “Redecoration and Revitalization of Takht-e-Poulāds Caravanserai (Research Institute and National Exhibition of Iranian Historical Stone)”

Islamic Azad University, Najafabad Branch, Iran

B.S., Civil engineering Aug. 1997

TEACHING EXPERIENCES

Art University of Isfahan, Iran

2008-present

Islamic Architecture, Traditional Buildings Structures, Arcs & Vaults, Restoration (basics), Restoration (advanced), New Technologies in Restoration, Seismic Retrofitting Historical Monuments
Research Methodology, Crisis Management

Isfahan Sepehr College, Iran

2005-present

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Islamic Art and Architecture Studies, Persian Architectural Studies, Art History, Principles of Architectural Conservation, Research Methodology

Daneshpajooan Higher Educational Institute, Isfahan, Iran 2007-present

Principles of Restoration of Historical Buildings, Islamic Architectural Studies, Persian Architectural Studies, Masonry Structures

Islamic Azad University, Natanz Branch, Iran 2012-present

Traditional Architectural Structures

Islamic Azad University, Khorasgan Branch, Iran 2009-2014

Islamic Architecture, Restoration of Historical Monuments, Traditional Architectural Structures, Research Methodology, History of Construction Technology

Islamic Azad University, Sharekord Branch, Iran 2011-2014

Traditional Architectural Structures, Research Methodology

Isfahan Mathematics House, Iran 2011-2013

Geometric & Mathematical Applications in Persian Traditional Architecture

Art University of Isfahan, Naein Campus, Iran 2010-2011

History of Art

Bozorgmehr Institute of Higher Educational, Isfahan, Iran 2008-2009

Vernacular Architecture, Elements & Details in Traditional Architecture

ZarrinShahr University of Applied Science and Technology, Iran 2006-2008

Islamic Art & Civilization, Basics of Visual Arts

Payam Noor University, NajafAbad Branch, Iran 2006-2008

Research Methodology

Islamic Azad University, Meymeh Branch, Iran 2004-2007

Masonry Architecture, Steel Construction, Concrete Construction, Building Drafting, Civil and Architecture Supervision Principles

Islamic Azad University, Shiraz Branch, Iran 2006-2007

Documentation at Historical Monuments

Soore Higher Educational Institute, Ardebil Branch Iran 2004-2005

Pathology of Building (Deterioration), Photogrammetry, Pre-Islamic Art and Architectural Studies

Shahid Rajaei Teacher Training University, Tehran, Iran 2003-2004

Restoration of Historical Monuments, Documentation at Historical Monuments

Islamic Azad University, Dehaghan Branch, Iran 2000-2001

Statics

TRADITIONANL ARCHITECTUR MASTERY SKILLS ACQUISITION

Consultation with traditional experts to build traditional mud bricks vaults and domes

Regions: Isfahan; Abarkouh; Naein; Zavvare; Yazd; Shiraz; Lar; Barde; Shahr-e-Kord; Kerman; Birjand; Kermanshah; Kashan; Tehran; Golpayegan; Ghazvin; Ghom; Tabriz

Collaborator of wooden-fretwork experts, traditional carpenters, and wooden decorators

Regions: Isfahan; Shahr-e-Kord

Collaborator of traditional tile experts to build mosaics

Regions: Isfahan

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Collaborator of experts in traditional plaster decorations and muqarnas

Regions: Isfahan; Golpayegan

Collaborator of traditional calligraphers to make plaster inscriptions and builder's calligraphy

Regions: Isfahan

Collaborator of experts in *Muqarnas, Karbandi, Yazdi Bandi, Ghatar Bandi, Kase Sazi*

Regions: Isfahan; Yazd; Kashan; Tehran; Shiraz

Collaborator of experts in brick cutting & brick work and stone carvers

Regions: Isfahan; Kermanshah; Shiraz

BOOK CHAPTERS

BC4- Valibeig, N. (2020). [Biography & Academic Life of MohammadKarim Pirnia](#). Society for the Appreciation and Digniutaries, 203, 63-66.

BC3- Valibeig, N., & Ranjbar, A. (2014). [Analysis of Construction Technology in Sash Windows in Persian Architecture \(Orosi\)](#). *WIT Transactions on Ecology and the Environment*, 226, 519-526.

BC2- Valibeig, N., & Rahravi, S. & Rahimi, A. (2014). Domes and Vaults from different approaches, *Ivan Press*, 126-136.

BC1- Valibeig, N., Nasekhian, S., & Tavakoli, S. (2014). [The Role of Wind Catchers in Improving People's Comfort](#). *WIT Transactions on The Built Environment*, 142, 93-102.

SELECTED PUBLICATIONS

J80- Loghmani. N., Valibeig, N., Mazaherian. H. (Article in Press) H. A Comparative and Contrast Study on the Cubic Kufic Inscription in the Historical Schools Entrance in Esfahan in the Concepts Hidden And location Extent

J79- Setayeshmehr. M., Nasekhian. Sh., Valibeig., N. (Article in Press) A Comparative Study of Two Approaches of Urban Regeneration and Urban Conservation from the Perspective of Contemporary Thinkers in the Scope of the Change Process. *Bagh-e Nazar*.

J78- Abdellahi. N., Valibeig. N., (Article in Press). Analysis of the Function of Sheikh Lotfollah Historical Monument Over Time Based-on Descriptive Historical Documents and Travelogues. *Athar Journal*.

J77- Mokhtari. M., Valibeig. N., Khanmohammadi. M. (Article in press). [A comparative study of the essential structures of myth in the world of tradition and after the advent of modernity based on the views of twentieth century mythologists](#). *Journal of mytho-mystic literature*.

J76- Safaianpoor, A., Valibeig, N. (2022). [A Study on the Construction Technology of the Seljuk Minarets in Isfahan with Focus on their Geometric Brick Pattern](#). *curved and layered structures journal*, 9(1),13-24.

J75- Ainechi, Sh., Valibeig, N. (2022). [Architectural and structural analysis of special karbandis of Tabriz historical bazaar](#). *Journal of Research on Archaeometry* 7(2).

J74-Abbasi, N., Valibeig, N., Arya, N. (2021). [A Comparative Study of the Entrance Circulation of Abbasi Jame' Mosque and Seyyed Jame' Mosque in Isfahan within the Geometric Proportion in an Architectural Plan](#). *Culture of Islamic Architecture and Urbanism Journal*, 6(1), 39-51.

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- J73- Zarrabi, M., **Valibeig, N.** (2021). [3D Modelling of an Asbad \(Persian windmill\): A Link Between Vernacular Architecture and Mechanical System with a Focus on Nehbandan Windmill](#). *Heritage Science Journal*, 9(108),1-11.
- J72- **Valibeig, N.**, Homayooni, R. (2021). [A Review of Hezar Jarib Garden' Form Based on the Descriptive, Illustrative, and Field Documents](#). *Manzar*, 13(57), 6-21.
- J71- Hoshmand, F., **Valibeig, N.**, Behzadfar, M., Feizi, M. (2021). [Analysis of the Effect of Geometric Properties on the Structure of the Shell of Historical Squares of Tehran](#). *journal of Sustainable Architecture and Urban Design*, 9(1), 27-38.
- J70- Adineh, A., **Valibeig, N.** (2021). [Comparative Study of Ribat Sharaf, Ribat Mahi, Jazeb Tomb and Ayaz Minaret Decoration in the Form Field](#). *Journal of Grate Khorasan's Art*, 1(1), 43-64.
- J69- Nourijamshidi, Z., **Valibeig, N.**, Kiani, M. (2021). [Comparison Study of Isfahan and Tehran Pahlavid Contemporary Brickwork in the Field of Urban Façade](#). *Honar-Ha-Ye-Ziba Memari-Va-Shahrsazi*, 24(4), 49-59.
- J68- Ainechi, Sh., **Valibeig, N.** (2021). [The Typology of Karbandis Based on the Geometry of the Teachings of Traditional Master Builders from the Point of View of Theoretical and Practical Geometry](#). *Athar*. 41(4), 394-414.
- J67- **Valibeig, N.**, Salehi, A., Khaleghian, S. (2021). [The Effect of Construction Techniques on Extending the Functional Life Span of Pre-1300 Hijri Structures in the Central Plateau of Iran](#). *Passive Defense*. 11(44), 33-45.
- J66- Ainechi, Sh., **Valibeig, N.** (2020). [Comparative and Contrast Study of Karbandie's Masonry Ribs Brick Arrangements](#). *curved and layered structures journal*, 7, 166-177.
- J65- Rouhi, R., **Valibeig, N.**, Mazaherian, H. (2020). [Location Retrieval of the Destroyed Minarets in Isfahan Based on Descriptive and Visual Documents](#). *Quarterly of Geography (Regional Planning)* 10 (39), 589-604.
- J64- Rahravi poode, S., **Valibeig, N.** (2020). [Analysis of Design Drawing Process with Historiographic Documents Special Geometry Knowledge](#). *Journal of Architectural Thought*, 4(8), 12-28.
- J63- **Valibeig, N.**, Rahravi poode, S., Nazariyeh, Nazariyeh. (2020). [Analysis of Traditional Architects' Mastery in Technology and Final Form of Persian Lilipoush Vaults](#). *Journal of Housing and Rural Environment*, 39(171), 73-86.
- J62- Abbasi, N., Ghasemi sichani, M., **Valibeig, N.**, Saedvandi, M. (2020). [The Role of Geometrical Structure in the Interconnection of the Movement System from the Entrance to the Altar\(Mihrab\) in the Historical Mosques in the Isfahan Grand Bazaar \(Strategic Model in Tourism Industry, Planning and Development\)](#). *New Attitudes in Human Geography*, 12(46), 439-455.
- J61- Ainechi, S., **Valibeig, N.**, & Tehrani, F. (2020). [Theoretical Geometry of Special Karbandies in Uncommon Bases \(With a Focus on the Mirza Akbar Scrolls\)](#). *Journal of Architecture and Urban Planning*, 13(29), 113-127.
- J60- Rahimi Ariaei, A., Valibeig, N., Mahmoodabadi, A. (2020). [Comparison of the Altar \(Mihrab\) of the Mosques of the Buyids to the Timurid Era \(Razi and Azeri style\) in Isfahan Province Based on the Shape Domain](#). *Cultural History Studies*, 11(42), 139-165.

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- J59- Hoshmand, F., **Valibeig, N.**, Behzadfar, M., Feizi, M. (2020). [A Comparative Study of Tehran's Government and Non-Governmental Squares in the Area of Urban View](#). *Bagh-e Nazar Journal*, 17(82), 47-58.
- J58-**Valibeig, N.**, & Karimi, F. (2019). [Application of Architectural Visual Documents and Oral History of in the Representation of Micro-Spaces and Three-Dimensional \(3D\) Modeling of Nawab Razavi Historical House in Yazd](#). *Cultural History Studies (Pejuhesh Nameh Anjoman-e Iraniye Tarikh)*, 10(38), 157-186.
- J57- Hoshmand, F., **Valibeig, N.**, Behzadfar, M., Feizi, M. (2019). [Representation of Tehran Arg Square Based on Descriptive and Visual Documents](#). *Journal of Researches in Islamic Architecture*, 7(3), 36-54.
- J56- Vahdatpour, S., **Valibeig, N.**, Rahimi Ariaei, A. (2019). [A Comparative and Contrast Study of Intra-Urban and Suburban Caravansaries in Isfahan \(Iran\) within the Field of Architectural Form](#). *Hoviatshahr*, 13(3), 103-116.
- J55- Rahimi Ariaei, A., **Valibeig, N.**, & Mahmoodabadi, S. (2019). [Morphology of Stamp Brick Bond Ornaments in the Mosques Attributed to Buyid-Ilkhanid Dynasties in Isfahan Province](#). *Negareh Journal*, 14(49), 55-69.
- J54- Rouhi S., & **Valibeig N.**, (2019). [Analyzing the Effect of Chaharbagh's Plan Before Safavid Period on Designing Safavid Garden's Plan in Isfahan](#). *Naqshejahan- Basic studies and New Technologies of Architecture and Planning*, 8(4), 241-247.
- J53- Solimanimoghaddam, P., **Valibeig N.**, Jafari, N. (2019). [Evaluating the Pedestrianism Based on Sustainable Transport Goals in Urban Historical Centers by ANP Technique \(Case Study: The Texture Surrounding the Naqshe Jahan Square\)](#). *Physical Development Planning*, 5(12), 45-68.
- J52- **Valibeig, N.**, & Kourangi, N. (2019). [Reviewing the Khorshid Gate in Naqshejahan Square Based on the Historical-Descriptive and Image Documents](#). *Bagh- e Nazar*, 16(73), 41-52.
- J51- Ainechi, S., **Valibeig, N.**, & Tehrani, F. (2019). [Karbandies' Traditional Construction Technique in Tabriz and Isfahan](#). *International Journal of Architectural Heritage*, 1-18.
- J50- Ainechi, S., **Valibeig, N.**, & Tehrani, F. (2019). [Comparison of Geometry and Drawing Method of Karbandi Vault Samples 10,12,14,16- sided Karbandis](#). *Soffeh*, 29(1), 73-91.
- J49- Rahimi Ariaei, A., **Valibeig, N.**, & Mahmoodabadi, A. (2019). [The Morphology of Kufic Inscriptions in Mosques and Minarets in Isfahan: The Cases of Razi and Azari Styles](#). *Historical Perspective & Historiography*, 28(22), 7-38.
- J48- Jahanmard, B., **Valibeig, N.** (2019). [A Study on the Proportions and Composition of the Tombstones Containing Angelic Motifs in Isfahan's New Julfa Cemetery](#). *Negareh*, 14(52), 53-78.
- J47- Abbasi, N., Ghasemi sichani, M., Valibeig, N., Saedvandi, M. (2019). [Evaluation of the Viewpoints of Muslim Mathematicians \(2-11 Centuries AH\) About the Concept of Geometry in Architecture](#). *Journal of Architectural Thought*, 3(5), 84-105.
- J46- **Valibeig, N.**, Kourangi, N. (2019). [Analysis of Construction History, Architectural form and Function of the Topkhaneh Gate in the Course of Developments of Naghshe Jahan Square During Qajar Period](#). *Journal of Studies on Iranian Islamic City*. 9(34) 73-83.

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- J45- Ainechi, Sh., **Valibeig, N.** (2019). [Analysing Arithmetical and Geometrical Features of the Elements of Karbandies in Different Bases](#). *Athar*, 40(2), 43-58.
- J44- Rahravi, P. S., **Valibeig, N.**, Dehghan, N., & Masoud, M. (2019). [Analysis of the Formal Features of Chaharsofe Houses and its Influence on the Formal Structure of Introverted Houses in the City of Isfahan](#). *Bagh- e Nazar*, 16(72), 5-22.
- J43- Ainechi, S., **Valibeig, N.**, & Tehrani, F. (2019). [Comparative Study of the Proportions of Fourteen-Sided Karbandi Elements in the Field of Drawing Techniques](#). *Negarineh Islamic Art*, 6 (17), 34-46.
- J42- Nazariyh, N., **Valibeig, N.**, Nasekhian, Sh. (2019). [Rereading the Geometrical Physical Elements of Kerman Icehouses](#). *Armanshahr Architecture & Urban Development journal*, 11(25), 225-236.
- J41- Kourangi, N., **Valibeig, N.** (2018). [Identifying Rahim Khan Mosque-School Based on Descriptive and Pictorial Documents and Oral History](#). *Athare*, 39(82), 53-68.
- J40- **Valibeig, N.**, Nazaryeh, N. (2018). [Analysis of Building Geometry in Formation of Kerman's Ice-House Domes](#). *Athare*, 37 (75), 67-84.
- J39- **Valibeig, N.**, Nasekhian, Sh., Nazaryeh, N. (2018). [Analyze the Impact of Climatic Conditions on the Overall Form and Components of Traditional Ice-Houses in Iran](#). *Geographic Space*, 18(61), 141-159.
- J38- **Valibeig, N.**, Kourangi, N. (2018). [Study of the Role of Components Geometry in Persian Stone Columns in Pre-Islamic Era](#). *Parseh Journal of Archaeological Studies*, 2(5), 19-30.
- J37- **Valibeig, N.**, & Rastegar Zhaleh, S. (2018). [A Comparative Study of Sistani and Baloch Rural Native Habitations in Terms of the Skeletal Recognition: A Cultural Anthropology Approach](#). *Journal of housing and rural environment*, 37(163), 19-32.
- J36- Mohammadi, H., **Valibeig, N.** (2018). [The Analysis of Elements Geometry Position in the Iranian Garden Structure](#). *Journal of Architecture and Urbanism*, 42(2), 112-119.
- J35- **Valibeig, N.**, Soleimani Moghaddam, P. (2018). [Recreation of Tavileh Hall \(Shahi Stabling\) Built in Safavid Era, Based on Descriptive and Visual Documents](#). *Iranian Journal for the History of Islamic Civilization*, 51(1), 141-168.
- J34- **Valibeig, N.**, Rahimi Ariaei, A., & Rahravi Poodeh, S. (2018). [Survey of the Outer-Shell Structure of the Double-Shell Discrete Nar Domes](#). *Iran*, 56(2), 161-172.
- J33- Tabatabaie Zavareh, S., **Valibeig, N.**, Azimi, M., Shahbazi Chegeni, B. (2018). [Comparing the Architectural Body of Traditional Chahar-Soffeh and Hozkhaneh Houses in the City of Zavareh](#). *Journal of Architecture in Hot and Dry Climate*, 6(7), 101-125.
- J32- **Valibeig, N.**, Nazarieh, N., Rahravi, S. (2018). [Comparing Study of Mother-Girih in the Drawing Methods Domain, with Offering an Unwritten Method](#). *History of Science*, 15(2), 251-274.
- J31- Abaeian, H., Hashemi, M., **Valibeig, N.**, & Mohammadpour, S. (2018). [The Role of Proportional Systems in the Forming of Sassanid Square Domes](#). *Int. J. Hum. Capital Urban Manage*, 3(2), 81-88.
- J30- Rahravi, P. S., **Valibeig, N.**, Dehghan, N., & Masoud, M. (2018). [The Structural Typology of the Main Spaces in Isfahan's Historical Houses with a Central Yard in Terms of their Plan](#). *Soffeh*, 28, 127-148.

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- J29- Sartipi., B. & Valibeig., N. (2018). [Analysis of the geometry of Bricks Behind the Vaults of the Hakim Mosque in Isfahan on the Emergence of Visual Techniques](#). *International Journal of Urban and Rural Management*, 16(49), 245-262.
- J28- MohammadTalebi, M., & Valibeig, N. (2018). [Compare and Contrast Study of a Woman's Image from a Geometric Point of View in the Mural Painting of Palaces and Houses in Isfahan](#). *Woman in Culture and Art (Women's Research)*, 10, 29-46.
- J27- Nazarieh, N., Valibeig, N., & Nasekhian, S. (2018). [Analysis of Local Architects' Capability in Process of Building Transitional Ice Houses \(Comparing Executive Methods of Center to Eastern and Southeastern Iran\)](#). *Maremat & Me'mari-e Iran*, 7(14), 45-59.
- J26- Zameni, M., Valibeig, N. (2018). [Compiling and Prioritizing Strategies of Construction in Minoo Island According to the Environment Sustainability](#). *Journal of Sustainable Architecture and Urban Design*, 5(2), 27-38.
- J25- Soleimani Moghaddam, P., Valibeig, N., Jafari, N. (2018). Pedestrian Movement with a Special Point of View to Ten Best Pedestrian Streets in the World. *Rah-o Sakhteman*. 11(136), 10-20
- J24- Valibeig, N., Nazarieh, N. (2017). [Analysis of Different Techniques of Building Ancient Icehouses in Iran](#). *International Masonry Society*, 29,
- J23- Valibeig, N., Rahravi, S. (2017). [The Geometric Typology of the Form of Stone Columns in Persian Public Monuments after Islam](#). *Scientific Journal of Research of Art*, 7(13), 1-13.
- J22- Valibeig, N., Rahravi Poodeh, S., & Rahimi Ariaei, A. (2017). [Structural and Geometric Analysis of Discontinuous Double-Shell Persian Domes in Isfahan and Nain Dome-Building Schools](#). *International Journal of Architectural Heritage*, 11(8), 1101-1120.
- J21- Valibeig, N., & Rahimi, A. A. (2017). [Persian Architects' Mastery Over Geometry to Build Discontinuous Double-Skin Domes in Nain Style](#). *Pazhohesh-ha-ye Bastanshenasi Iran*, 7, 191-206.
- J20- Sartipi., B. & Valibeig., N. (2017). [Analysis of Visual Perception based on the Geometry of brickwork Behind the Vaults of Hakim Mosque of Isfahan with Gestalt Approach](#). *International Journal of Urban and Rural Management*, 48(16), 169-178.
- J19- Valibeig, N., Ziaei, F., & Nazarieh, N. (2017). [Comparative Analysis on Widely Used Water Transferring Techniques in Traditional Monuments Case Study: Isfahan City](#). *Journal of Studies on Iranian Islamic City*, 7(27), 29-39.
- J18- Valibeig, N., Nasekhian, S., & Nazarieh, N. (2017). [An Analysis of the Impact of Shading Wall Geometry on Formation of the Ice Houses in Southeast of Iran \(Case Study: Kerman\)](#). *Journal of Architecture and Urban Planning*, 9(18), 147-166.
- J17- Valibeig, N., Rahravi Poodeh, S., & Rahimi Ariaei, A. (2016). [Disconnected Double-Shell Domes: Geometry and Construction](#). *Soffeh*, 26(2), 85-104.
- J16- Khodadadifar, S., Ghafari, M., Valibeig, N. (2016). [Analysis of the Structure of the Physical Geometry of Urban Space in the Form of Military Architecture, Case Study: Sardar Asad Castle in Chaharmahal and Bakhtiari Province](#). *International Journal of Urban and Rural Management*, 15(43), 367-388.

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- J15- **Valibeig, N.**, Tavakoli, Sh. (2016). The position of wind-Catcher in optimizing the Environmental cooling Comfort temperature of old buildings. *Gaam-e Nokhost*, 1(1), 6-11.
- J14- **Valibeig, N.**, Mohammadi, H. (2016). [Geometry and Bonding Rules Position Analysis in the Formation of Traditional Iranian Architectural Brick Facades](#). *Nexus Network Journal*, 18(2), 467-479.
- J13- Khodadadifar, S., Goudarzi, A., **Valibeig, N.** (2016). [Analysis of Dome Structure in Iranian-Islamic Architecture and Urban Structure](#). *Urban Management*, 15 (43), 329-335.
- J12- **Valibeig, N.**, Tavakkoli, S., & Khodadadi, N. (2016). [Mathematical and Geometric Proportions Used in Tiles of the Isfahan Mosques in Safavid Era with Respect to Optimization of Construction Materials](#). *Bagh- e Nazar*, 13 (38), 17-28.
- J11- Mokhtari, M., **Valibeig, N.** (2015). [Comparative Qualitative and Quantitative Study of Traditional Music and Architecture of Iran](#). *Cumhuriyet Science Journal*, 36(4), 1126-1135.
- J10- **Valibeig, N.**, Mohammafi, H. (2015). [Dynamic Stability Analysis of Iranian Arc Downward Weight](#). *Engineering Research Journal*, 3(1), 73-78.
- J9- **Valibeig, N.**, Karimi, F. (2015). [Comparative Study of the Skeletal Components of First Iranian Mosques Based on the Use of Visual Elements](#). *Iranian Journal for the History of Islamic Civilization*, 48, 77-91.
- J8- **Valibeig, N.**, Isfahani, H. M. (2015). [Desert Water cisterns, the Symbol of Sustainable Structures in Iranian Architecture](#). *Fen Bilimleri Dergisi (CFD)*, 36(4).
- J7- **Valibeig, N.**, Mohammadpour, Sh. (2015). [The Role of Geometry in Stability of Tower-Like Mausoleums](#). *Current Trends in Technology and Science*, Special Number 8thSASTech, 73-79.
- J6- **Valibeig, N.** (2014). [The Influence of Material Properties and the Geometrical Parameters of the Operating Arch on the Stability](#), *Journal of Civil Engineering and Urbanism (JCEU)*, 4 (2), 199-205.
- J5- **Valibeig, N.**, Abouei, R., Ahmadi, M. (2013). The Geometrical Study of Existence of Porch (Iwan) and Changes in Form of Golpayegan Jame Mosque. *Journal of Archaeology and History of Art of the Ancient Near East*. 1(1), 76-86.
- J4- **Valibeig, N.**, Tehrani, F., , F. (2012). Practical Geometry in the Construction of Iranian Barrel Brick Vault. *National Heritage*, 8(7,8), 44-51.
- J3- **Valibeig, N.**, Mehdizadeh, F., & Tehrani, F. (2012). [The Geometrical and Mathematical Analysis of Panjohaft Arches in Iranian Barrel Vaults](#). *Maremat & Me'mari-e Iran*, 1(3), 39-49.
- J2- Mehdizadeh, F., Tehrani, F., & **Valibeig, N.** (2011). [Applying the “Hanjar” Triangles in the Mathematical Calculation, Implementation and Enforcement of Traditional Iranian Architecture](#). *Maremat & Me'mari-e Iran*, 1(1), 15-26.
- J1- **Valibeig, N.**, & Saadati, R. (2011). [The Architectural Ornaments Worked on the Chinikhaneh \(Porcelain House\) of Sheikh Safi al-din Ardebili Mausoleum with Emphasis on the Motifs of “Tongbory” \(Pitcher Shape Plaster Cutting\) of Chinikhaneh](#). *Islamic Art*, 7(14), 119-137.

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SELECTED CONFERENCE PRESENTATION

Refereed Conference Proceedings & Contributed Conference Presentations

CP. 163- "A comparative Study of the Form of Khosrow Mosque and jame Mosque of Ardestan in the area of function," 1st Congress on Isfahan Province and National Development, Challenges and Opportunities ahead, 2021

CP. 162- "Analysis of Form and Function Features of Vertical shells of Timche and Caravanserais in Urban Bazar of Iran, Case Study of Timche and Caravanserais in Isfahan Bazar," 2nd Conference on Urban Management, Urban Development and Architecture with Approach to Economics and Civil Engineering, 2020

CP. 161- "A comparative study of the Voided biaxial slab roofs and waffle, Cubiax, Ubot and Concrete Slab in the Field of Placing Column," 5th International Conference on Research in Science and Engineering and 2nd International Congress on Civil, Architecture and Urbanism in ASIA, 2020

CP. 160- "Analysis of the Effect of Social Interactions on Business Space Design with Cultural Identity Approach," 5th International Conference on Research in Science and Engineering and 2nd International Congress on Civil, Architecture and Urbanism in ASIA, 2020

CP. 159- "Analysis of Materials, Technology and Structure in the Iranian Qanats," National Symposium on Ferdows Balade Qanat, 2019

CP.158- "Analysis of the Shape of the Central Courtyard of Isfahan's Historic Houses on the Use of Surrounding Spaces," 2018

CP.157- "Identifying the Impact Factors of the Design of the Infill Buildings (Historical Continuity Approach) in Isfahan, Based on Persian Architectural Style," International Conference on Civil Engineering, Architecture and Urban Management in Iran, Tehran, 2018

CP. 156- "Analysis of the Effects of Structure of Tong Borie Decoration on Process of its Final Formation in Safavid Era," 2nd International Congress on Science and Engineering, 2018

CP. 155- "Analysis of the Effects of Damages in the Sabzeh Mashhad Neighborhood in Gorgan City, on the Population Reduction," 6th National Conference on Modern research on Geography, Architecture and Urbanism in Iran, 2018

CP. 154- "A Comparative Study of Various Infill Design Methods in Historical Urban," International Conference on Civil Engineering, Architecture and Urban Management in Iran, 2018

CP. 153- "Analysis of Form and Function of Mausoleums in Gorgan City, Case Study of Sabzeh Mashhad Mausoleums," 1st International Congress on Building Industry, 2018

CP. 152- "A comparative Study of Urban Culture in Iranian and Western Historical Neighborhoods and Analysis its Consequences on the Revitalization of Historical Sites based on the Theory of Cultural Neighborhoods," 8th International Conference on Sustainable Development, Civil Engineering and Urban Regeneration, 2018

CP. 151- "Comparative Study of Durability and Longevity of Buildings in Iran and some Developed Countries," 8th International Conference on Sustainable Development, Civil Engineering and Urban Regeneration, 2018

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CP. 149- "The Effect of Building's Location on the Service life of Traditional Architecture of the Central Plateau of Iran, Case Study of the Historic Urban of Zavareh," 8th International Conference on Sustainable Development, Civil Engineering and Urban Regeneration, 2018

CP. 148- "Analysis of Geometry in Formation of Safavid Doors in Iran, Case Study of Naghshe Jahan Square," Isfahan, Conference on Civil Engineering, Architecture and Urbanism of the Islamic Countries, 2018

CP.147- "On the Effect of Plan Geometry on the Space of Caravanserais located on the North of the Persian Gulf and the Oman Sea," Third International Congress of Contemporary Urban Architecture and Urban Development in the Middle East, 2017

CP.146- "On the Importance of Reevaluating the Vernacular Architecture with the Approach of Responses to the Climate, Case Study: Gilan Rural Architecture," 4th International Conference on Advanced Technology in Civil Engineering, Architecture and Urban Planning, 2017

CP.145- "Gilan Vernacular Rural Architecture and Its Solution to the Descending Damp and Sleet," 3rd International Conference Architecture, Civil Engineering, and Urban Development at the Beginning of the 3rd Millennium, 2017

CP.144- "On the Effect of Urban Morphology on Liveliness of Historical Context of City Centers, Ernest Berges Approach," National Conference on Knowledge-Based Architecture and Urbanism, 2017

CP.143- "Analysis of the Location of Various Aperture (Orifice) in Historical Building on Lighting of Different Facades (Case Study: Emam Mosque and Sheykh Lotfala Mosque)," International Conference on Civil Engineering, Architecture and Urban Development of Contemporary Iran, 2017

CP.142- "Analysis of the Impacts of Public Spaces on the Urban Space Usages," Second International Conference on the New Horizons in the Civil Engineering Architecture and Urbanization and Cites Cultural Management, 2017

CP.141- "Comparative Study Observatory in Pre-Islamic and Post-Islamic Era," 2nd International Conference on Civil Engineering, Architecture and Urban Design, Kasem Bundit University of Bangkok-Thailand, 2017

CP.140- "Analysis of Reagent Street Conservation and Renovation Planning In the Westminster Historical Context of London," Civil Engineering, Architecture and Urban Development of Contemporary Iran, 2017

CP.139- "Analysis of Geometry in Construction Technology of Masonry Ribs of Isfahan Jame Mosque," Research Conference Architecture and Urbanism Islamic History of Iran, 2017

CP.138- "The Evolution of Contextual Relationship between Gardens and Cities in Ramsar Spatial Structure since First Pahlavi till now," 5th International Congress on Civil Engineering, Architecture and Urban Development, Shahid Beheshti University, 2017

CP.137- "Applying the Practical Geometry in Engineering, specifically in Drawing Pentagons, the Approach of Abdol Rahman Sofi and Aboalvafa Bozjani," International Conference on Architecture and Mathematics, 2017

CP.136- "On the Effect of Wind on the Formation of Windmills in Sistan," the Fourth Congress on the History of Architecture and Urbanism in Iran, 2017

Nima Valibeig

CP.135- "On the Effect of Construction Technology and Craftsmanship Skills on the Formation of Windmills," 5th International Congress on Civil Engineering, Architecture and Urban Development, Shahid Beheshti University, 2017

CP.134- "Urban Preservation Processes along the Watercourse and Water channels," 3rd International Conference of Architecture, Civil Engineering and Urban Development at the Beginning of the 3rd millennium, Science and Technology University, 2017

CP.133- "Representation of Geometric Form of Marta Peters House, Referring Descriptive and Visual Documents," 5th International Congress on Civil Engineering, Architecture and Urban Development, Shahid Beheshti University, 2017

CP.132- "A Survey on Reviving Industrial Heritage on its Fixity in Isfahan," 2nd International Conference on Civil Engineering, Architecture and Urban Design, 2017

CP.131- "Analysis of the Shape and Form of Bonab Mehrabad Mosque Over Time," 3rd International Congress of Earth Sciences and Urban Development and the 1st Conference on Art, Architecture and Urban Management, 2017

CP.130- "Comparative Study of Building Facades of Commercial Buildings of Lalezar-e-no Street at 2nd Pahlavi and the Islamic Republic of Iran with the Approach of Environmental Perception of the Form", The National Conference of Research and Development in Civil Engineering, Architecture and Modern Urbanism, 2017

CP.129- "Analysis of the Application of Geometry and Arithmetic Knowledge in the Form of Architectural Heritage," International Conference Architecture and Mathematics, 2017

CP.128- "Strategic Management of Historical Texture, Pedestrianism Approach, Case Study of Naghshe Jahan Square," 5th International Congress on Civil Engineering, Architecture and Urban Development, 2017

CP.127- "On the Effect of Climatology Features on the Selection the Type of Vernacular Rural Materials in Gilan," State Congress of Latest Research in Management and Urban Planning, 2017

CP.126- "Applying the Flexible Techniques in Strengthening of Curved Roofed of Historical Buildings," International Conference of Civil Architecture and Urban Planning Elites, 2016

CP.125- "On the Effect of Brickwork Laying Geometry in Forming Façade of Shahrekord Qajar Castles," International Conference on Architecture, Urbanism, Civil Engineering, Art, Environment, 2016

CP.124- "Analysis of Elements of Kerman Abasabad Haji Ice-House and Presenting Its Conservation Methods," 3rd International Congress on Civil Engineering, Architecture and Urban Development, 2016

CP.123- "Stable Geometric Features in the Plan of Isfahan Intercity Caravanserais," 6th International Conference of Sustainable Development and Urban Construction, 2016

CP.122- "Recognition of the Tehran Jip Complex," 4th International Congress on Civil Engineering, Architecture and Urban Development, Shahid Beheshti University, 2016

CP.121- "Analysis of Revitalization Process in Rehabilitation of Yazdiha House of Ghazvin," 1st International Conference of Restoration of Architecture and Retrofitting of Monuments, 2016

Nima Valibeig

CP.120- "Conservation Plan of Shiraz Atigh Mosque," 3rd International Conference of Construction Knowledge of Architecture and Civil Engineering, 2016

CP.119- "Comparative Analysis of Pavilion in Persian Gardens on the Formation of Pavilions Japanese Gardens," 2nd Conference of Geography and Planning, Architecture and Modern Urban Planning, 2016

CP.118- "Analysis of Gardens Geometry on the Formation of Pavilions in Persian Gardens," 2nd Conference of Geography and Planning, Architecture and Modern Urban Planning, 2016

CP.117- "Analysis of Numerical Proportions (Peymoun) on Design of Intercity Caravanserais (Squared and Quadrivial Verandas)," Conference on Civil Engineering, Architecture & Urbanism of the Islamic Countries Tabriz -Iran, 2016

CP.116- "Analysis of Methods and Technology of Craftsmanship of Bricks on Razi Style Brick Works," National Conference of Brick and Brickwork, 2016

CP.115- "Analysis of Hidden Concepts in Isfahan Safavid Palaces to Design of Residential Complex," International Conference on the New Horizons in the Civil Engineering, Architecture and Urbanization and Cites Cultural Management, 2016

CP114- "The Use of Sustainable Geometry in Plan of Off-Road Caravanserai in Isfahan Province" 6th International Conference on Sustainable Development and urban Construction, 2015

CP.113- "The Role of Islamic Geometric Patterns in Regular Polygonal Drawing, Case Study of Regular Pentagonal", the 1st National Conference on Islamic Human Sciences, 2015

CP.112- "Water Management & the National Crisis of Water Shortages in Iran", the 1st National Conference on Iran's Architecture & Urbanism, Shiraz Univ., Tehran Univ. & Kashan Univ., 2015

CP.111- "Recognition of the Patterns of Human Interactions with the Persepolis Monument and Suggesting Solutions for Proactive Conservation", the 1st National Conference on Iran's Architecture & Urbanism, Shiraz Univ., Tehran Univ. & Kashan Univ., 2015

CP.110- "The Interactions between Culture & Housing in Qajar-Era in Isfahan", International Conference on New Achievements in Housing, Architecture, Environment & Urban Management, 2015

CP.109- "Assessment of Rehabilitation in Urban Historical-Monumental Buildings, Case Study of Darab Imam Mosque," International Conference on Housing, Architecture & Urban Infrastructures, 2015

CP.108- "Analysis of the Impacts of Climate on the Formation of Old Houses alongside the Zayande Rood River, Isfahan," International Conference on Architecture, Housing & Urbanism in the 3rd Millennium, 2015

CP.107- "The Impact of Geometric Characteristics on the Historical Castles in Chahar Mahal-o-Bakhtiari Province," International Conference on Architecture, Housing & Urbanism in the 3rd Millennium, 2015

CP.106- "The Effect of Water Steam Technology in Concrete Mixing on Concrete Durability," 3rd International Congress on Civil Engineering, Architecture & Urban Development- Shahid Beheshti University- Iran, 2015

Nima Valibeig

CP.105- "Climate Design Creativities Compatible with Historical Buildings, Case Study of Jame Darab Mosque," 1st International Conference on Modern Achievements in Civil Engineering, Architecture, Environmental, and Urban Management, Iran, 2015

CP.104- "Fundamentals of Design and Sustainable Development in Architecture and Urban Planning ,"1th International conference on Civil Engineering, Urbanism and Sustainable Managment, 2015

CP.103- "Recognition of Darab Mosque and a Value Preservation Plan," 1st Annual International Civil Architecture and Urbanism Conference, Iran, 2015

CP.102- "Analysis of Using NanoTechnology in Façade of Historical Building Lightning", International Policy Forum or Urban Growth and Conservation - Iran, 2015

CP.101- "Analysis of Relationship between Building Geometry and Opening Proportion to Façade in Different Directions in Traditional Houses along Zayanderood," 1st Conference on Novel Approaches of Architecture Engineering and Urbanism Engineering, 2015

CP.100- "Analysis of Stability of Isfahan Jelogir Caravanserais to Earthquake Base on 2008 Earthquake Code and 8th National Building Codes," 3rd International Congress on Civil Engineering, Architecture and Urban Development, 2015

CP.99- "The Effect of Brick Work Laying on the Construction of the Barrel Brick Vaults in the Slope,"3rd International Congress on Civil Engineering, Architecture and Urban Development, 2015

CP.98- "Analysis of Entrance Features in the Architecture of Chahar-Mahal and Bakhtiari Castles," 3rd National Conference of Sustainable Development in Geography and Planning, Architecture and Urban Planning, 2015

CP.97- "The Role of Jame Mosque in Giving Identity to Urban Design, Case Study of Darab Jame Mosque," International Conference on Architecture, Civil and Urban Development at the Beginning of 3rd Millennium, 2015

CP.96- "The Role of Geometry Science on the Construction Technology of Persian Eaves," 3rd International Congress on Civil Engineering, Architecture and Urban Development, 2015

CP.95- "Zolfang: a Kind of Security Lock in Persian Architectural Doors," National Conference on Islamic-Iranian Architecture and Urbanism, 2015

CP.94- "Planning of Kamare, a Tourism Zone, with the Approach of Promoting Cultural-Historical Values of the Region," the 1st National Conference on Tourism, Geography & Clean Environment, Hamadan University, 2015

CP.93- "Geometric Typology of Wind-Catchers in Mahan," the 1st National Conference on Tourism, Geography & Clean Environment, Hamadan University, 2015

CP.92- "Comparative Study of Behshahr Shah Garden over Time, in the Field of Morphology, "1st National Tourism, Geography, and Clean Environment, Bu-Ali University of Hamedan, 2015

CP.91- "The Brick Work Decoration in the Minaret of Darab Jame Mosque,"1st International Conference on Arts, Crafts and Tourism, 2015

CP.90- "The Effect of Risk Management & Value Engineering on the Civil Construction Projects", International Conference on Management, Economic and Industrial Engineering, 2015

Nima Valibeig

CP.89- “Geometric and Forms in Tile Decorative Elements of Khayyatha Mosque, Isfahan”, National Conference on Architecture, Housing and Urban Development, 2014

CP.88- “Assessment of Seismic Retrofitting of Anarak Caravanserai in Naien, based on 2008 Earthquake Guideline and 8th Part of the National Building Regulations (codes),” 1st National Conference on Implementation and Assessment of Housing projects, 2014

CP.87- “Static & Modal Analysis of Structural Elements in Wind-Catcher of Bagh-e-Dowlat Abad, Yazd,” 1st National Conference on Implementation and Assessment of Housing Projects, 2014

CP.86- “The Role of Wind Catchers in Improving Peoples' Comfort,” 5th International Conference on Harmonization between Architecture and Nature-Eco Architecture 2014-Italy, 2014

CP.85- “Approaches to Develop District 12 of Tehran: Conservation of Cultural Heritage against Earthquake”, the 1st National Conference on New Approaches to Sustainable Architecture, Housing, tourism, Energy Consumption, and Rural & Urban Environment, 2014

CP.84- “Preservation with the Minimum Interventions by Structural Pattern Recognition against Earthquake, Case Study of Divan House in Masoudieh Palace,” the 1st National Conference on New Approaches to Sustainable Architecture, Housing, tourism, Energy Consumption and Rural & Urban Environment, 2014

CP.83- “Typologies and Geometric Characteristics of Kerman Wind-Catchers,” the 1st Conference on Development, Housing, Architecture, Gorgan, 2014

CP.82- “Different Method to Lighten the Weight in Historical Monuments, an Approach to a Sustainable Architecture in Iran,” National Conference on Sustainable Architecture and Urban Landscape, 2014

CP.81- “Seismic Retrofitting Assessment of Historical Monuments Based on the Available Seismic Guidelines in the 7th Regulations (codes)”, the 2nd International Conference on Structure, Architecture and Urban Development, Tabriz, 2014

CP.80- “Geometric Characteristics of Different Lighting Elements in Historical Monuments,” the 2nd International Conference on Illumination in Iran, 2014

CP.79- “The Practical Application of Old Geometrical Methods, a Review of Geometrical Methods to Draw Pentagons Proposed by Buzjani”, the 2nd International Conference of Arabic and Muslims History of Science- the University of Sharjah, 2014

CP.78- “Management and Planning the Architecture of Banks as Repetitive Elements in Iran's Cities”, the 2nd National Conference on Sustainable Architecture, Restoration, Urbanism and Environment, Hamadan, 2014

CP.77- “Revitalization of Pigeon Towers in Today's Cities,” the 2nd National Conference on Sustainable Architecture, Restoration, Urbanism and Environment, Hamadan, 2014

CP.76- “Analysis of Stability of Static Equilibrium of Geometric Forms of Wind-Catchers in Kerman,” the 2nd International Conference on Structure, Architecture and Urban Development, Tabriz, 2014

CP.75- “The Impact of 60% Construction Regulation on Sustainable Architecture of Buildings,” the 2nd International Conference on Structure, Architecture and Urban Development, Tabriz, 2014

Nima Valibeig

CP.74- “Persian Wind-Catcher, a Vernacular Structure Consistent with Wind Renewable Energy,” International Conference on Sustainable Development: Approaches & Challenges, 2014

CP.73- “Analysis of Seismic Retrofitting of Gaz Caravanserai,” the 2nd International Conference on Structure, Architecture and Urban Development, Tabriz, 2014

CP.72- “Role of In-fill Structures and Contextual Architecture on the Urban Sustainable Development in Historical Texture,” International Conference on Advanced Design & Construction Methods in Field-Oriented Architecture, 2014

CP.71- “Typology & Construction Technology of Persian Ancient Bridges, a Geometric Study,” the 4th International Conference on Bridges, Amir Kabir University, Tehran, 2014

CP.70- “The Impact of Integrated Risk Management and Value Engineering on Housing Projects,” International Conference on Management and Industrial Development, Islam Azad University International Branch, 2014

CP.69- “Geometric Characteristics of Structural Constituents of Iran's Historic Bridges,” National Conference on Urbanism, Urban Management and Sustainable, 2014

CP.68- “The Impact of Criteria of Detailed Design of the City of Isfahan on the Crisis Management of the Historical Texture at Bid-Abad,” 1st International Symposium of Management Sciences with a Focus on Sustainable Development, 2014

CP.67- “The Foundations of Sustainable Development Design in Architecture & Urbanism,” National Conference on Housing, Urbanism and Sustainable Development, 2014

CP.66- “The Impact of Special Materials (Water, Mud & Straw) on the Compression Strength of Cobs,” National Conference on Housing & Urban Environment, 2014

CP.65- “The Appearing Shia School of Thoughts in Architectural Ornaments, Case Study Jame Darab Mosque,” International Conference on New Horizons in Architecture and Planning, Tehran, Tarbiyat Modares University - Iran, 2014

CP.64- “Old Mason's Tactics in Stabilizing and Strengthening of Historic Buildings, Model for seismic improvement of Mud and Brick Masonry Buildings,” First National Conference on Sustainable Building, Mashhad, 2013

CP.63- “Sheikh Heidar, the Most Valuable Islamic Monument in Attracting Tourists to Meshkin Shahr,” the 1st National Conference on Tourism Development, Meshkin Shahr, 2013

CP.62- “Construction Methods of “Zone of Transition” for Conservation and Restoration,” the 1st National Conference on Traditional Structures: Domes, 2013

CP.61- “The Role of National Building Regulations in Crisis Management,” the 1st National Conference on Historical Monuments, Mashhad, 2013

CP.60- “A Technical Survey on the Use of Geometry in Barrel Vaults in Iranian Architecture”, International Conference on Architecture & Design –Albania, 2014

CP.59- “Wind Mills: Vernacular Structures to Generate Green Energy,” the 3rd National Conference on Clean Energy, Kerman, 2013

Nima Valibeig

CP.58- “Geometric Structure in Design of Brick-built Walls Facades,” the 1st National Conference on Sustainable Architecture, Restoration & Urbanism, Hamedan, 2013

CP.57- “Architectural Characteristics in Persian Traditional Houses, a Model of Sustainable Architecture for Contemporary Urban Houses,” the 2nd National Conference on Climate, Building & Energy Consumption Optimizing, 2013

CP.56- “The Role of Materials and Geometric Characteristics of Generative Arcs in Stability of the Masonry Vaults,” the 1st National Conference on Architecture & Sustainable Urban Spaces, Mashhad, 2013

CP.55- “The Role of Geometry & Symmetry in Seismic Retrofitting in Old Houses According to the Iranian National Seismic Standard, a Case Study of Bagheri House in Kashan,” International Conference on Sustainable Housing, Architecture & Urban Development, Tabriz, 2013

CP.54- “Investigation of the Stability of Shabdari Arc against Weight Load,” International Conference on Sustainable Housing, Architecture & Urban Development, Tabriz, 2013

CP.53- “Reviewing the Concept of Sustainable Development from Social Aspects in Chahar Bagh Street, Isfahan,” International Conference on Sustainable Housing, Architecture & Urban Development, Tabriz, 2013

CP.52- “The Role of Geometry in Stability of Tower-Tombs,” National Conference on Architecture, Urbanism and Sustainable Development: from Vernacular Architecture to Sustainable City, 2013

CP.51- “Sustainable Architecture in Chahar Bagh Complex (Madrassa, Bazaar, Caravanserai, and Land Space),” National Conference on Architecture, Urbanism and Sustainable Development: from Vernacular Architecture to Sustainable City, 2013

CP.50- “Formal Typology of Persian Archways, a Geometric Study,” National Conference on Architecture, Urbanism and Sustainable Development: from Vernacular Architecture to Sustainable City, 2013

CP.49- “Investigating Different opinions on Islamic Art”, International Congress on Islamic Culture and Thought, 2013

CP.48- “Sourian Jame Mosque and Imamzade Jafar Mausoleum Compared in Term of Stability Analysis”, National Conference on Civil Engineering and New Achievements, 2013

CP.47- “Formal Typology of Transitional Zone in Domes: Studying Sustainability Cases in Persian Architecture”, the 1st National Conference on Geography, Urbanism and Sustainable Urban Development, 2013

CP.46- “Unique Proportions (Modular) in Madar Shah Caravanserai, Moorche Khort”, the 1st National Conference on Geography, Urbanism and Sustainable Urban Development, 2013

CP.45- “Construction Techniques of Brick Minarets in Central Iran”, the 1st National Conference on Geography, Urbanism and Sustainable, 2013

CP.44- “The Role of Materials and Form in Stability of Persian Pre-Islamic Fire Temple”, the 1st National Conference on Islamic Architecture and Urbanism: Characteristics of Sustainable Cities, 2013

Nima Valibeig

CP.43- “Investigation of Arithmetic and Geometric Proportions in Form Features of Girih Chini of Masjid-e-Shishe in Isfahan”, the 1st National Conference on Islamic Architecture and Urbanism: Characteristics of Sustainable Cities, 2013

CP.42- “The Role of Revitalization of Historical Monuments in Developing Tourism: Timche Tavakkoli in Khomein Town: a Case Study”, the 1st National Conference on Tourism, National Capitals, Prospects, 2013

CP.41- “Identity Restoration and Physical Revitalization of Afsharian Caravanserai”, International Conference on Sustainable Housing, Architecture and Urban Development, Tabriz, 2013

CP.40- “Persian Wind-Catchers: a Technology Consistent with Wind Energy”, International Conference on Climate Change, Tehran, 2013

CP.39- “Geometric Characteristics in Structural Constituents of Iran's Historical Bridges”, the 1st National Conference on Irrigation and Hydraulic Structures, 2013

CP.38- “Assessment of Seismic Stability of Madar Shah Caravanserai, Moorche Khort, based on 2800 Earthquake Guideline & 8th Part of the National Building Regulations(codes)”, the 1st International Conference and the 4th National Conference on Urban Development, Sanandaj, 2013

CP.37- “Rehabilitation the Historical Fabric of Sabzevar”, National Conference on Architecture, Culture and Urban Management, 2013

CP.36- “Restoration and Revitalization of Ghale Mosque, Moorche Khort”, National Conference on Architecture, Culture and Urban Management, 2013

CP.35- “The Restoration Plan of Al Daghi House: Revitalization of Old Urban Fabric in Sabzevar”, National Conference on Architecture, Culture and Urban Management, 2013

CP.34- “The Role of Cultural-Art Institutes in Promoting the Habit of Reading”, the 4th Domestic Conference on the Role of Cultural-Art Institutes in National Cultural Development, 2013

CP.33- “Considering the Place of Cistern in Modern Water Supplying in Nain,” Icomos Thailand-International Conference, 2013

CP.32- “Beheshtian House: a Case Study in Geometric Patterns of Doors in Persian Architectural Houses”, National Conference on A Century of Architecture & Urbanism in Iran, 2012

CP.31- “Pigeon Towers: Historical Monuments in Modern Urban Fabrics”, International Conference on Urban Design in Iran: from Theory to Practice, 2012

CP.30- “Form Style in the Sheikh Azari Tomb,” Sheikh Azari International Conference, 2011

CP.29- “Water-Mills, the Environment Friendly Technologies,” Emerging Trends in Energy Conservation, 2011

CP.28- “Kordestan Historical Bridges: Aesthetic, Geometry and Stability”, National Conference on Kordestan Cultural Representations, 2011

CP.27- “Applying Geometric Science in Iran's Vernacular Vaults”, the 4th National Conference on Engineering, Arak, 2011

Nima Valibeig

- CP.26- “Motifs in Mihrab of Sheikh Safi-o-Din Ardebili Tomb”, National Conference on Islamic Art, Birjand, 2011
- CP.25- “Rural Resistant Structures: Geometric Flexibility”, the 1st National Conference on Geography & Rural Development Planning, Mashhad, 2011
- CP.24- “Mills: Environment-Friendly Technology”, the 1st National Conference on New Approaches to Saving Energy, Amir Kabir University, Tehran, 2011
- CP.23- “Stylized Structure of Sheikh Azari Tomb”, International Conference on Sheikh Azari' Payam-e-Noor University, Esfarayen, 2011
- CP.22- “Ice Houses, Sustainable, Vernacular Construction and Compatible with Climate”, National Conference on Housing & Development, Ziba Kenar, 2011
- CP.21- “Atrium: a Saving-Energy Approach to Design Sustainable Office Buildings”, National Conference on Housing & Development, Ziba Kenar, 2011
- CP.20- “Retrofitting Mud-built Rural Houses in Iran: An Approach towards Sustainable Development”, the 1st International Conference on Rural Development, Zahedan, 2011
- CP.19- “Old Methods to Exploit Construction Materials in Iran”, Conference on Architecture and Construction Materials, Sari, 2011
- CP.18- “Wooden Structures in Northern Regions of Iran”, Conference on Structure, Road-Building & Architecture, Chalous, 2011
- CP.17- “Resistance & Stability in Single-Span Bridges”, Conference on Structure, Road-Building & Architecture, Chalous, 2011
- CP.16- “Round Patterns in Isfahan Tiling: formal Characteristics of Tiling in Timurid Era”, National Conference on Cultural Industries and Their Role in Sustainable Development, 2011
- CP.15- “Geometric Methods of Buzjani: Interaction between Theo-Practical Geometry in Regular Pentagonal structures”, National Conference for Dignitaries of Jam Town, 2011
- CP.14- “A Review on Changing Procedure in the Historic Urban Landscape of Isfahan, a Long Water Axes and Causes of Their Demolition”, Icomos Thailand- International Conference, 2011
- ++CP.13- “A Survey on the Geometrical Morphology of Transitional Zones in Iranian Domes”, Domes in the World: International Conference, Italy, 2011
- CP.12- “Ceilings Houses Patterns in Iran's Deserts”, the 1st National Conference on Housing & Rural Development, Zahedan, 2009
- CP.11- “Geometric Applications in Persian Vernacular Vaults”, National Conference on Vernacular Technologies, University of Science and Technology, Tehran, 2009
- CP.10- “The Zone of Transition in Domes”, Collection of Papers (Presented in Research Week), 2009
- CP.9- “The Structure of Persian Domes”, Collection of Papers (Presented in Research Week), 2009
- CP.8- “Ancient Sabzevar: a Glance at Torogh Building and Its Damages”, Collection of Papers (presented in Research Week), 2007

Nima Valibeig

CP.7- “Lessons Learned from Ancient Qanats in Modern Tunnel”, the 2nd Conference on Mining, Meymeh, 2007

CP.6- “Structural Morphology of Domes”, the 1st Conference on Structural Studies in Historical buildings, Meymeh, 2007

CP.5- “The Zone of Transition: in Persian Domes”, the 1st Conference on Structural Studies in Historical buildings, Meymeh, 2007

CP.4- “Organizing Plan of Asrar Tomb”, the 2nd Conference on Lessons Learnt from Revitalization Plans, Mashhad, 2003

CP.3- “Revitalization Plan of Faramarz Khan Caravanserai”, the 2nd Conference on Lessons Learnt from Revitalization Plans, Mashhad, 2003

CP.2- “Earthen Columbus Vault is Superior Ceiling”, International Conference of Terra- Yazd, Iran, 2003

CP.1- “Typology of Iranian Vaults”, International Conference of Terra- Yazd, Iran, 2003

INVITED LECTURES

“History of Art Practical and Theoretical Art”. Kazan State University of Architecture and Engineering. **Russia**, 2017

“Mathematics and Architecture”. Kazan State University of Architecture and Engineering. **Russia**, 2017

“History of Art. Practical and Theoretical Architecture”. Ministry of Culture of the Russian Federation Kazan State Institute of Culture. **Russia**, 2017

“The Ornament in Isfahan Monument”. Isfahan Tour Guide’s Association. Iran, 2017

“The Rule of Geometry in the Conservation of Persian Historic Gate Decorations”. Isfahan Cultural Heritage, Handicrafts and Tourism Organization. Iran, 2017

“Structural Geometrical Analysis of Brick Columns of Isfahan Jame Mosque: Optimization of Stability Approach”. Isfahan Jame Mosque. Iran, 2017

“Analysis of Shape and Form of the Mehrabad Bonab Mosque through the Time”. Third International Congress of Earth, Sciences and Urban Development. Iran, 2017

“Analysis of Regent Street Conservation and Renovation Planning in the West Minister Historical Context of London”. International Conference on Civil Engineering Architecture and Urban Development of Contemporary Iran. Iran, 2017

“The Role of Geometry and Architectural Decoration on Historical Building Gates”. International Seminar of Restoration and Conservation of Decorative Surfaces (Ornaments), Art University of Isfahan- Italian Trade Agency. Iran, 2016

Nima Valibeig

“Registration of Historical Fabrics: Key of Historical Survival (A Case Study: Yase Chai Village)”. The 2nd Festival on Visiting Villages, Saman, Yase Chai. Iran, 2014

“Geometric Proportions as Symbolic Concepts in Islamic Architecture”. Isfahan University. Iran, 2012

“Traditional Vaults in Persian Architects, a Dynamic Model in Today's Architecture”. Research Week, Art University of Isfahan. Iran, 2012

“Persian Dome, Architecture & Structure”. Restoration Faculty, Art University of Isfahan. Iran, 2011

“Brick Barrel Vaults: Theo-Practical Geometry”. Restoration Faculty, Art University of Isfahan. Iran, 2010

“Vaults in Persian Architecture: Geometric Typology”. Restoration Faculty, Art University of Isfahan. Iran, 2010

“Q&A with the Directors of Educational and Art Films”. Restoration Faculty, Art University of Isfahan. Iran, 2010

“Reviewing the Traditional Construction Methods of Vaults & Zone of Transition”. Restoration Faculty, Art University of Isfahan. Iran, 2009

“New Definitions of Cultural Heritage”. Islamic Azad University, Meymeh Branch. Iran, 2008

“World Heritage Day”. Islamic Azad University, Meyme Branch. Iran, 2005

“Traditional Architecture, Confrontation between Traditional and Modern Architecture”. Islamic Azad University, Dezful Branch. Iran, 2002

EDUCATIONAL WORKSHOPS OFFERED

Workshop on Islamic Architecture (Shrine Ensembles and Tombs), Zamin-pooyana-padana Institute, Iran, 2018

A Review on Theories and Approaches of Infill-buildings Architecture, Sepehr Higher Education Institute, Iran, 2018

Geometry and Structure in the Architecture of Extra-Urban Caravanserais, Isfahan Mathematics House, Iran, 2017

Workshop of Safavid Architectural Elements in Isfahan, Center of Isfahanology and the Home of Nations, Iran, 2017

Architectural Decorative Elements in Isfahan Monument, Isfahan Tour Guide's Association, Iran, 2017

Optimization of Brick Layout in Persian Architecture, Case Study of Brick Columns, Isfahan Mathematics House, Iran, 2017

Design of Periodic Islamic Pattern, Kazan State Institute of Culture, Tatarstan, **Russia**, 2017

Nima Valibeig

Workshop of Application of Sociology to the Field of Urban Restoration, a Cultural Approach, Restoration Faculty, Art University of Isfahan, Iran, 2016

Isfahan in the Mirror of Literature and History with a Specific View on Historical Buildings, Center of Isfahanology and the Home of Nations, Iran, 2017

Ribbed Vault, the main Element in Persian Architecture, Fourth Congress on the History of Architecture and Urbanism, Chaharmahal and Bakhtiari province, Iran, 2016

Workshop on Research Methodology and Essay Writing, Daneshpajoo hao Pishro Higher Educational Institute, Iran, 2016

Analysis Flat and Curved Vaults in Persian Architecture, Isfahan Tour Guide's Association, Iran, 2016

Workshop on Proposal Writing, Art University of Isfahan, Iran, 2016

Educational Workshop on Modern Technology in Conservation and Restoration, Isfahan Cultural Heritage, Handicrafts and Tourism Organization, Iran, 2015

Educational Workshop of Restoration and Conservation Rules, Isfahan Cultural Heritage, Handicrafts and Tourism Organization, Iran, 2015

Construction Technology in Persian Islamic Architecture with Cooperation of Master Craftsmen, Restoration Faculty, Art University of Isfahan, Iran, 2015

Hanjar Triangle, Cities, Past and Future, University of Edinburgh, **UK**, 2015

Master Craftsmen and Traditional Expertise: Geometry, Structure and Design the Case of Mirza Akbar Collection, UK- Iran Researcher Links Workshop Cities: Past and Future Islamic Art, Architecture, and Urban Space in Iran, **UK**, 2015

Workshop of Quantitative Research Methodology, Azad University of Khorasgan, Ph.D. Candidates of Architecture & Urbanism, Iran, 2014

Workshop on Mathematics and Art, Isfahan Mathematics House, Iran, 2013

Application of Mathematics on the Analysis of Arches and Domes, Isfahan Mathematics House, Iran, 2013

On the Practical Use of Geometry on Hanjar Triangle, International Workshop on Mathematics and Art- Iran and Netherland, Netherland, 2013

Analysis of a Complex Geometrical Patterns Forming a Complex Modular Unit, International Workshop on Mathematics and Art- Iran and Holland, Netherland, 2013

Series of Research-Educational Workshops on the Geometry Applied in Persian Historical Monuments, Isfahan Mathematics House, Iran, 2012-2013

The Role of Applied Mathematics in Persian Arcs & Vaults, Isfahan Mathematics House, Iran, 2012

Optimization of Project Time Management, Using CPM, Research Week, Art University of Isfahan, Iran, 2012

Nima Valibeig

Geometry and Proportions as a Symbolic Concepts in Islamic Architecture, University of Isfahan, Iran, 2012

The Rule of Vaults in Isfahan Jame Mosque Architecture, Islamic Art Center, Iran, 2011

Geometry in Persian Architecture, Hanjar Triangle, Restoration Faculty, Art University of Isfahan, Iran, 2011

Educational Workshop on the Concepts of Vaulting in Persian Traditional Architecture, Square Domes, Architecture Faculty, Art University of Isfahan, Iran, 2011

Typology and Structural Analysis of Persian Vaults, Square Domes, Architecture Faculty, Art University of Isfahan, Iran, 2011

Application of Hanjar Triangle on Architecture, Isfahan Mathematics House, Iran, 2011

Scheduling and Time Management Frameworks such as CPM and Bar Chart for Managers, Executives, and Supervisors, Restoration Faculty, Art University of Isfahan, Iran, 2010

Reviewing the Traditional Construction Methods of Vault and Zone of Transition, Architecture Faculty, Art University of Isfahan, Iran, 2009

Health & Safety in Workshop and Laboratory, Restoration Faculty, Art University of Isfahan, Faculty of Conservation, Iran, 2009

Application of Geometry in Persian Architectural Arcs, Isfahan Mathematics House, Iran, 2009

Hanjar Triangle, Mastery of Persian Traditional Architects of Geometry, Isfahan Mathematics House, Iran, 2009

EXECUTIVE EXPERIENCES

Supervising engineer, Varamin Emamzade Yahya, cultural heritage, Tourism & Handicrafts Organization of Chahar Mahal-o-Bakhtiari Province, 2015

Project and workshop manager, restoration & reconstruction of Sartipi(Sayrafian) Historical House, Taleghani Street, Isfahan, 2014

Project and workshop manager, restoration & reconstruction of Baghouzian Historical House, Islamic Art Faculty, Art University of Isfahan, 2010-2011

Project and workshop manager, restoration & reconstruction of Bid Abad Bazaar of Isfahan, Restoration & Revitalization Organization of Isfahan, 2000-2001

AWARDS AND HONORS

Won the best researcher award, <i>Art University of Isfahan, Isfahan</i> , Iran	2019
Won the best teacher award, <i>Islamic Azad University, Natanz Branch</i> , Iran	2014
Ranked as the top student, the “Architectural and Urban Conservation,” class of 2012 <i>Art University of Isfahan</i> , Iran	2012

Nima Valibeig

- Awarded the first national Ph.D. degree in “Architectural and Urban Conservation,” *Art University of Isfahan, Iran* 2012
- Won the best paper award, “International Conference on Sheikh Azari,” *Payam-e-Noor University, Iran* 2012
- Won the best written cultural convention book award, *Ministry of Culture and Islamic Guidance, Isfahan, Iran* 2011
- Won the best teacher award, *Restoration Faculty, Art University of Isfahan, Iran* 2011
- Received the letter of gratitude and certificate of appreciation, *the Documented Culture Appreciation Congress, Isfahan, Iran* 2011
- Best documentary award, “When Ishmael Came”, *42nd Roshd International Film Festival, Iran* 2011
- Won the best teacher award, *Danesh-pajoohan -Higher Educational Institute, Iran* 2009
- Won the best teacher award, *Architecture Department, Art University of Isfahan, Iran* 2009
- Won the best speech award, “Geometric Applications in Persian Vernacular Vaults”, *University of Science and Technology Tehran, Iran* 2009
- Won the best teacher award, *Islamic Azad University, Najafabad Branch Iran* 2006
- Won the best teacher award, *Islamic Azad University Meymeh Branch, Iran* 2006
- Won the best teacher award, *Architecture Department, Art University of Isfahan, Iran* 2004
- Ranked 1st, *International Post Day Logo Design Competition, I.R. Iran Post Company, Iran* 1988