Keynote Speeches, Panels and Workshops of

the 4th international BIM Conference

Keynote speakers

Scientific and Research Approaches of Iran towards BIM and Introducing Conference's plans and objectives

Mojtaba Azizi

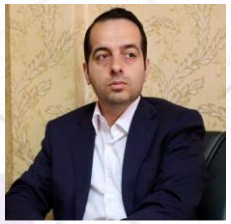
Manager and Scientific Secretary of the Conference

Assistant professor of the Tarbiat Modares University

Introducing the elements of the comprehensive BIM technology document

Hamed Manifar

General Director of the Office of National Regulations and Building Control



Tehran province construction projects and the place of BIM in existing project implementation structures

Masoud Shafiei

Head of Management and Planning Organization of Tehran Province

Actions of the Road, Housing and Urban Development Research Center in preparing BIM guidelines

Mohammad Shekarchizadeh

Head of Road, Housing and Urban Development Research Center

The necessity and challenges of BIM implementation in the construction industry

Eghbal Shakeri

The Conference Chairman

Assistant professor of the Amirkabir University of Technology

The achievements of the Ministry of Roads and Urban Development regarding the development and promotion of BIM in the country

Mahmoud Mahmoudzadeh

Deputy Minister of Housing and Building of the Ministry of Roads and Urban Development

Integrated technical and operational system and its relationship with BIM

Seyed Javad Ghanefar

Head of Technical and Executive Deputy, Planning and Budget Organization

BIM implementation experiences in Tehran Municipality

Abdulreza Golpayegani

Deputy of Architecture and Urban Planning of Tehran Municipality

Keynote speakers

Applications of IoT in Construction Project Management

Seyed Vahid Faghihi

Assistant professor of the Prier A&M Texas University

Industry 4.0 Solutions for Building Design and Construction: A Paradigm of New Opportunities

Farzad Pourrahimian

professor of the Teesside University

Reviewing the concept of BIM in the rail and road industry, due to the lessons learned from its implementation in the world's largest electrification project

Amir Safiri

BIM consultant and specialist in infrastructure projects in Switzerland

The integration of BIM and Quality Delivery

Paul Coates

BIM lecturer at the University of Salford, England

BIM Collaboration: Requirements and Challenges

Kherun Nita Ali

Assistant Professor at Teknologi Malaysia University, Malaysia

Automatic Scan to BIM

Mohsen Kalantari

Assistant Professor at the University of Melbourne, England

Keynote speakers

BIM in Iran, Crawl to Fly

Saeed Rukui

Assistant Professor at the University of Mississippi, USA

Legal issues and necessary contract changes Due to BIM

Mohammadreza Alavipour

CEO of ACEMI

Professional virtual reality customization of a BIM model: step-by-step development

Mojtaba Maghrebi

Associate professor of the Ferdowsi University Mashhad

How does the database interact with the BIM model?

Saeed Dehghani

CEO of Sunco Architects

Modeling standard in BIM process

Ghasem Ariyani

CEO of IRAN-BIM

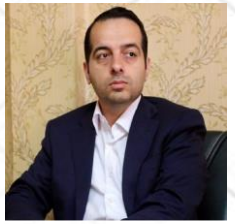
Implementation of BIM in architectural offices

Amir Karami

Director of BIMAK company

Description of the vision document and long-term plan of BIM implementation in the construction projects of Tehran province and its executive instructions prepared by the management and planning organization of Tehran province

Parviz Ghavaminejad
Deputy of the Technical and Executive System, Management and Planning Organization of Tehran Province



Masoud Shafiei
Head of Management and Planning Organization of Tehran Province

Amin Alvanchi
Member of the faculty of Sharif University of Technology

Mustafa Khanzadi
Member of the faculty of the University of Science and Technology

Specialized conference Panels

Examining the status and available capacities in relation to the digitization of construction information in the oil, gas and petrochemical industry

Mohammad Hossein Azimi

Member of the Board of Directors of Petrochemical Industries Development Management Company and consultant to the CEO in the field of information technology of the Persian Gulf Holding Company

Safarali Babaei

Vice Chairman of the Board of Directors and Managing Director of Petrochemical Industries Development Management Company

Mohammad Reza Samimi

Head of Project Management Research and Development Center

Vahid Torkian

Head of the group of specialists of Petrochemical Industries Development Management Company

Navid Fathi

BIM Development Project Manager in Petrochemical Industry

Amir Yahyapour

Apadana Scheme Planning Manager

Mehdi Kheiri

BIM implementation project consultant in Apadana Petrochemical Project

BIM development event in oil and gas and petrochemical industries

4th International Conference on Building Information Modeling

Automatic control of architectural drawings in the process of issuing permits of Tehran Municipality using BIM

Hossien Taghaddoas
Assistant professor of the University of Tehran

Eghbal Shakeri
Assistant professor of the Amirkabir University of Technology

Abdulreza Golpayegani
Deputy of Architecture and Urban Planning of Tehran Municipality

Mohammad Chegeni
Director General of the Technical and Research Office of the Organization of Renovation, Development and Equipping of Schools in the country

Mrs. Jalilvand
Deputy technical and executive system of Tehran Municipality

Mehrdad Taghizadeh
Head of the executive staff of topic 22 in the construction engineering system

Kamran Abduli
Deputy of Fire Protection and Prevention of Tehran Fire Department

Specialized conference Panels

Challenges and experiences of implementing BIM in water and Abfa projects

Specialized conference Panels

Vahid Shah Hosseini

A member of the faculty of Amirkabir University

Yusuf Rezapour

CEO of Tehran Regional Water Company

Davood Najafian

CEO of Alborz Regional Water Company

Mohammad Reza Bakhtiari

CEO of Tehran Water and Wastewater Company

Zulfaqar Mehdizadeh

CEO of Alborz Water and Wastewater Company

Mr. Turani

Managing Director of Lar Consulting Engineers

Mr Dourandish

Managing Director of Mahar Ab Omran Gostar Engineering Consulting Company

4th International Conference on Building Information Modeling

Design to operation of smart factories, with a view to the fourth industrial revolution

مجتمع مس شهربابک

Hossein Mahmoudi

Vice President of Development and Engineering of Babak Shahr Copper Complex

Mehdi Haji Ahmadi

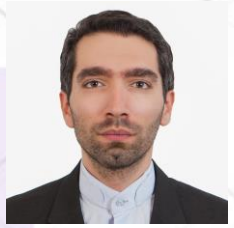
Head of implementation of construction and metal framework projects - Mobarake Steel

Farshid Shokar Khodei

Director of Sustainable Development, Environment, and Water Commission of Iran Chamber

Habib Karari

Visiting professor of Amirkabir University of Technology



Hossien Mousavi

Panel Manager

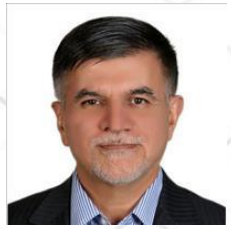
Specialized conference Panels

Needs assessment, review of capacities and necessary requirements in BIM implementation in healthcare projects

Specialized conference Panels

Nader Najafi

Project manager of Atiyeh 2 Hospital



Khalil Alizadeh

Managing Director of Tolo Atiyeh Company

Saeed Nikdoost

Supervising supervisor of the Atiyeh 2 hospital project

Masoud Fayaz Azar

Chairman of the Board of Directors of Paya Saze Pasargad Company

Amin Jahani

Technical management of Atiye Hospital project 2

Alireza Tolo

High Level consultant for compilation of hospital standards

Hossien Mousavi

Panel Manager

Applying BIM and recording smart information in control processes of municipalities

Specialized conference Panels

Hasan Ali Mosalman Yazdi

Member of the faculty of Yazd Azad University

Mehdi Nasiri

Member of the Shiraz City Council and responsible for the Smart Commission

Hamed Setreg

CEO of Raika Smart City

Naser Rezaei

Director General of Urban Development of Shiraz Municipality

Samaneh Shariati

Secretary of Shiraz City Observatory

Parto Rezvanifar

BIM manager of Raika Smart City

Vahid Nobakht

General Manager of Building Control and Supervision of Shiraz Municipality

Aladdin Ziyai

Advisor to the mayor and head of the control and supervision department of the integrated urban development system

Capacities and challenges of digital transformation in upstream oil and gas development projects

Ali Farokhi

Senior expert in process engineering for the South Azadegan oil field development project

Majid Najarian

Member of the board of directors and director of planning and control projects of the oil engineering and development company

Mohammad Saleh Dashti

Project manager of the implementation of BIM process in the South Azadegan oil field development plan

Specialized conference Panels

Lectures and workshops

Projects without BIM

Mehdi Kheiri

CEO of Vista Faraz Company

The integration of construction information modeling and lean management, a suitable solution for managing mega projects

Hamid Aladposh

Former Director General of Technology Affairs, Vice President of Engineering, Research and Technology of the Ministry of Petroleum

Business development and digitization opportunities based on BIM

Arash Gheshmi

Director of Saad Holding Digital Banking Academy

Development of a Digital Adoption Plan for Construction Companies

Fonbeyin Henry Abanda

Researcher in the field of construction information technology at Oxford Brookes University, England

Management of changes and the resulting risk in EPC / EPCF projects using BIM logic

Afshin Osuli

Director of Engineering at Kayson Company

Application of BIM in the management of oil and gas projects

Babak Vahedi

Project management consultant in oil and gas, mining and metals, power plant and transportation infrastructure industries

Lectures and workshops

How to build augmented reality (AR) for BIM projects

Ghasem Ariyani

CEO of IRAN-BIM

BIM Interoperable Energy Analysis in Sustainable Building Design

Samuel Egwunatum

Professor at the Federal University of Technology Owerri

Describing the physical elements of CDE and how to deploy it in the organization with a view to the future of using BLOCKCHANE in BIM

Sajjad Jafarian

BIM consultant and specialist

M in BIM: Using Python and Dynamo کارگاه

Aref Gorzin Matai

BIM Manager at Behpandar Pars Company

Combining building information modeling and visual management to achieve lean construction

Shayan Hojatpanah

The director and founder of Sepehr Technology Unit of Navin Tazam Construction

Bira Vafayibaneh

The Chairman of the Board of Directors of Sepehr Technology Unit of Navin Tazam Sazh

Forecasting material price changes based on data from the stock exchange in BIM models

Esmatollah Nourzaei

lecturer of the University of Tehran

Hossein Ebrahimi

BIM consultant in Omran Hadish

Lectures and workshops

Socio-cultural barriers to BIM implementation in Iran

Aref Gorzin Matai

BIM Manager at Behpandar Pars Company

The impact of BIM on the speed and quality of project implementation

Hossien Khorashadizadeh

BIM consultant and specialist

Managing project issues using the BIM Collaboration Framework (BCF)

Amirhossein Mirkusesh

BIM manager and founder of IBIM One

A case study of the application of building information modeling with administrative use in the implementation and monitoring phase

Sina Ramezanian

Member of technical office of Vista Faraz company

Application of laser scanner and mapping drone in BIM

Mehdi Boroumand

CEO of NPR computer company