



19th **FORUM8** DESIGN FESTIVAL 2025 3DAYS+EVE

All about FORUM8 Products.

EVE 11.18_{Tue} 11.19_{Wed} - 21_{Fri}
Shinagawa Intercity Hall & Foyer



Organizer: FORUM8 Co., Ltd.

CPWC Organizer:

Cloud Programming World Cup Executive Committee

VDWC Organizer:

Virtual Design World Cup Executive Committee

19th FORUM8 DESIGN FESTIVAL 2025

All about FORUM8 & Products.

GREETING

New software, system use cases, and R&D are presented every year at the FORUM8 Design Festival 3Days+Eve. Full-scale DX is making significant progress in enterprises, countries, and municipalities as we speak, with accelerated development into Web3 and Web4, including cloud, AI, and NFT, in addition to digital twins, Metaverse, VR and XR.

The 19th Design Festival will kick off Day 1 with the 10th Autonomous Driving / Sustainability Conference followed by the 24th 3D VR Simulation Contest. Various VR simulations and systems and valuable use cases involving the application of Digital Twin and Digital Garden City concepts will be presented. In terms of construction of Metaverse, we are strongly promoting deployment of Metaverse on the WebVR platform "Metavania F8VPS" and new technologies and functions will be presented again this year, such as the linkage between Metaverse and the NFT service "Majimon F8NFTS".

In the "Published Literature Presentation" session, with the support of VR Promotion Council, the author of each of the newly published books - "Opening New Maps with VR: A Comprehensive Overview of the 3D VR Simulation Contest 2002-2024", "Encyclopedia of Civil Engineers" - will each deliver his/her presentation, followed by and a networking party to celebrate the release of the new books.

Day 2 will feature a special lecture by Professor Miho Mazereeuw, Associate Professor of MIT School of Architecture and Planning, on "Design Before Disaster". In addition, the final judging and award ceremony for the 13th Student Cloud Programming World Cup (CPWC) and the 15th Student BIM&VR Design World Cup (VDWC) will be held, where nominated student teams from around the world will compete against each other.

On Day 3, State of the Art Technologies in Expression Association will present the works nominated for 9th Hagura Award and give awards to the winners. The 18th International VR Symposium will also be held on this day. There will also be a special lecture by Professor Masaru Morita, Professor Emeritus of Shibaura Institute of Technology, on the "History of Flood Model Development and Future Prospects for Flood Risk Assessment Models". The 12th National Resilience Design Award Ceremony will be held afterwards, where various technical works that contribute to national resilience and disaster prevention will be presented. There will also be presentations on the latest updates on FORUM8's products and solutions including the AI-supported UC-1 series, newly developed flood inundation analysis, and FEM analysis solutions including Engineer's Studio®.

As in the previous year, we will hold a pre-event festival "Eve" in the Metaverse, a technical tour for invited students and prize winners from around the world as a commemorative event, and a social golf tournament at Camellia Hills to which SPU special users and related parties are invited.

We hope you will take advantage of this great opportunity to learn about FORUM8's software and services, and that this event would help our users and engineers improve their productivity and innovate their companies' management.

Yuji Ito, President, FORUM8 Co., Ltd.

PRESENT

— for Participants —

To participate, Register from here

<https://www.forum8.co.jp/fair/df/2025/index-e.html>



For live event participants

FORUM8 Branded



Book card JPY500



Sticky Note



Ballpoint Pen



Tsubame Notebook



Reusable Bag

For online event participants

Choose either



FPB 500pt (for users)

or



Book card web gift
JPY500

19th FORUM8 DESIGN FESTIVAL 2025 — SCHEDULE

EVE
11.18 Tue

11.18 Tue

14:00-19:00

14:00-19:00 Design Festival EVE

DAY1
11.19 Wed

11.19 Wed

9:50-17:40

9:50-10:00	Opening Speech	
10:00-15:15	The 10th Autonomous Driving / Sustainable Conference	The METI, MIC, MLIT, NPA and Digital Agency to deliver 6 lectures.
13:00-13:30	Guest Greetings	Chairman of the Parliamentary League for Considering Automotive Culture, Member of the House of Representatives Mr. Keiji Furuya
15:30-15:50	Presentation1	"Automotive Solutions utilizing Digital Twins and Metaverse" - Providing Autonomous Driving and Simulation Environment -
15:50-16:10	Presentation2	"Latest Trends in 3D VR Software Development and Future Prospect"
16:10-17:20	The 24th 3D VR Simulation Contest Award Ceremony	
	The 4th VR System Of the Year Award Ceremony	
17:20-17:40	Published Literature Presentation	
17:45-	Networking Party	

DAY2
11.20 Thu

11.20 Thu

9:50-17:15

9:50-10:00	Opening Speech	
	The 26th UC-win/Road Conference	
10:00-10:50	Special Lecture	"Design Before Disaster" Associate Professor of MIT Prof. Miho Mazereeuw
10:50-12:05	The 13th Student Cloud Programming World Cup CPWC Final Presentation	
13:15-14:30	The 15th Student BIM&VR Design World Cup VDWC Final Presentation	
14:30-15:00	Presentation1	"Introduction of the New Features in Shade3D - Future prospects through more flexible modeling and AI utilizationUtilization of Suite Chidori Engine"
15:00-15:30	Presentation2	"Intelligent Creativity and Reliable Ownership: FORUM8's AI & Web3 Innovation"
15:45-16:45	The 13th Student Cloud Programming World Cup CPWC Award Ceremony	
	The 15th Student BIM&VR Design World Cup VDWC Award Ceremony	
16:45-17:15	The 11th Junior Software Seminar Award Ceremony	
17:25-	Networking Party	

DAY3
11.21 Fri

11.21 Fri

9:50-17:00

9:50-10:10	Opening Speech	
10:10-11:00	The 11th State of the Art Technologies in Expression Association & Latest Technology Art Session	
11:00-11:20	The 9th Hagura Award Announcement	
11:20-11:50	Presentation1	Initiatives to support dissemination and utilization of state-of-the-art technologies in expression, and utilization of Digital Twin / Metaverse / AI / NFT
13:15-14:25	Presentation2	"Effectiveness of the UC-1 Series in Addressing Frequent Flood Disasters and Efforts Toward AI and Cloud Integration"
	The 18th International VR Symposium	
14:25-15:15	The 19th Design Conference	
15:15-15:45	Special Lecture	"History of Flood Model Development and Future Prospects for Flood Risk Assessment Models" Professor Emeritus, Shibaura Institute of Technology Prof. Masaru Morita
16:00-17:00	Presentation3	The Latest Updates on FORUM8's FEM Analysis Solutions and Simulation Case Studies
	The 12th National Resilience Design Award (NaRDA) Award Ceremony	

You can enjoy our metaverse space using the email address you registered on the application form and the password issued.

The Design Festival Pre-Event will be held in the metaverse by F8VPS.

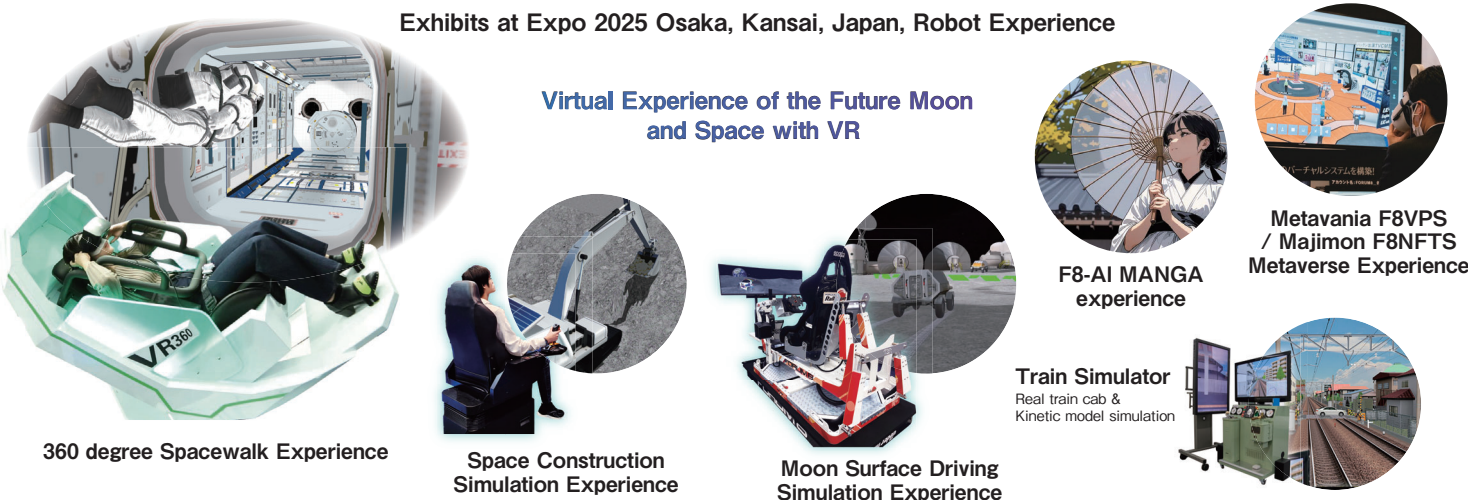
You can experience the metaverse in a virtual showroom powered by F8VPS.



Showcase at Shinagawa Intercity Hall Foyer

The most advanced VR Systems linked with FORUM8 software, including drive simulators will be on display throughout the event.

Exhibits at Expo 2025 Osaka, Kansai, Japan, Robot Experience



◆CPD accredited by the Society of Transportation Engineers of Japan
◆JSCE Continuing Professional Development (CPD) System
CPD = 0.5 x training hours can be registered as self-study

The 10th Autonomous Driving / Sustainable Conference

The METI, MIC, MLIT, NPA and Digital Agency to deliver 6 lectures.

Simultaneous Interpretation
into English/Chinese
9:50-16:10

UC-win/Road is used for a variety of automobile related fields such as road design, vehicle system development, ITS, ADAS and autonomous driving. This conference covers the newest features of the 3DVR software supporting these advanced R&D and examples of system development. At the "10th Autonomous Driving / Sustainable Conference", specialists from the government delivered lectures about trends, current issues, and prospects in the country and abroad. The newest functions and system development examples of UC-win/Road, which is being widely used in advanced R&D for road design, vehicle development, ITS, ADAS, and autonomous driving, etc., will be introduced. The theme of "Sustainability" has been newly added to this year's conference, the 9th in the series, with presentations from relevant ministries and agencies on the latest trends, issues, and prospects in Japan and abroad.

Opening Greetings 9:50-10:00

"Announcement of the 19th FORUM8 Design Festival"

President and CEO Yuji Ito

Special Lecture1 10:00-10:35



Director of Mobility DX Office,
Automobile Division, Manufactur-
ing Industries Bureau, METI

Mr.
Makoto Kuroyabu

■Speaker Profile : Joined the Ministry of Economy, Trade and Industry in 2006. Previously, he was responsible for developing startup policies and coordinating Japan's digital policies at the Digital Agency. He took up his current post in July 2025.

2025 Updated 'Mobility DX Strategies'

The Ministry of Economy, Trade, and Industry has been holding 'Mobility DX Examination' meetings to deepen discussions between the public and private sectors and developed a 'Mobility DX Strategy' that encompasses SDV, autonomous driving, MaaS, and data utilization across companies in May 2024. Even after the strategy was formulated, the environment surrounding digital transformation (DX) has changed significantly. Therefore, in June of this year, we updated the strategy to further strengthen it. This presentation will focus on the updates to the 'Mobility DX Strategy' and introduce the initiatives of the Ministry of Economy, Trade and Industry.

Special Lecture2 10:35-11:10



Senior Planning Officer,Na-
tional Service Group,Digital
Agency

Mr.
Soichi Yamagata

■Speaker Profile : He joined the Ministry of Land, Infrastructure, Transport and Tourism in 2002. He has been involved in harbor, seashore, disaster prevention, land use planning, post-disaster recovery, and policy research. He took up his current post in July 2025.

"Digital Agency's Efforts in the Field of Mobility"

The Digital Agency has compiled a "Mobility Roadmap 2025" outlining the desired direction for the social implementation of autonomous driving, with the aim of maintaining public transportation services and addressing transportation gaps in areas experiencing population decline. The government is working together to promote necessary policies for the social implementation of autonomous driving, and this presentation will introduce the details of this roadmap.

Special Lecture3 11:10-11:45



Director of New-Generation Mobile
Communications Office, Radio
Department, Telecommunications
Bureau, Ministry of Internal Affairs
and Communications

Mr. Takayoshi Kagei

■Speaker Profile : He joined the Ministry of Internal Affairs and Communications in 2004. He has been involved in activities such as revising the Telecommunications Business Act and promoting research, development, and standardization of next-generation information and communication technologies. He took up his current post in July 2024.

MIC's Initiatives in relations to telecommunication infrastructure

Society's expectations for autonomous driving are rising, with hopes for reducing traffic accidents, addressing driver shortages, etc. Currently, demonstrations and implementations aimed at realizing autonomous driving are progressing globally. Toward the social implementation of autonomous driving, the MIC is promoting initiatives related to telecommunication infrastructure, such as V2X (vehicle to everything) communication, which facilitates information exchange with surrounding vehicles and roadside infrastructure, and V2N (Vehicle-to-Network) communication using mobile phone network. This lecture will introduce the efforts of the Ministry of Internal Affairs and Communications from the perspective of communication administration.

Guest Greetings 13:00-13:30



Mr.
Keiji Furuya

Chairman of the Parliamentary
League for Considering Automotive
Culture, Member of the House of
Representatives

■Profile : Member of the House of Representatives, the first Minister of National Resilience, Former Minister of Disaster Management / Abduction Issue. Also experienced Chairperson of the National Public Safety Commission and the House of Representatives Rules and Administration Committee. After graduating from the Faculty of Economics at Seikei University and working for a major insurance company, he was elected for the first time in 1990, and then has been elected 12 times until now. He is the executive Acting Chairperson of Policy Research Council, Chairman of the Parliamentary League for the Promotion of Liberal Democratic Party Motorsports, Chairman of the Parliamentary League for Considering Automotive Culture, and actively serving as the chairman of over 40 parliamentary leagues across a wide range of fields. Honorary Advisor of FORUM8 Rally Japan 2025 Committee. In his constituency, the Tono region of Gifu Prefecture, he is working to create a region where cutting-edge science and technology, nature, history, and culture intertwine, with the opening of the Linear Chuo Shinkansen's Gifu Prefecture Station. He is working to create a model regional city of the future that utilizes the Linear Shinkansen, including the introduction of autonomous driving, the invitation of Nagoya University Graduate School, the creation of a base for the practical application of nuclear fusion power generation, and the establishment of a Disaster Prevention Agency. Last year, he released an original CD of his clarinet, which he started playing at the age of 50.

Special Lecture4 13:30-14:05



Director of ITS Policy and
Program Office, Road Traffic
Control Division, Road Bureau,
Ministry of Land, Infrastructure,
Transport and Tourism

Mr.
Shouichi Takeshita

■Speaker Profile : Served in various roles, including as the Advanced Auto-
motive Driving Promotion Officer in the ITS Promotion
Office of the Road Traffic Management Division, Road
Bureau.

"MLIT Road Bureau's Efforts in relations to Autonomous Driving"

MLIT's Road Bureau is working to support road infrastructure for safe and smooth autonomous driving. This lecture will highlight efforts to achieve level 4 autonomous driving services, including demonstration experiments of the 'Vehicle-Road Cooperation System' for road condition information at intersections and merging assistance for level 4 autonomous driving trucks on highways.

Special Lecture5 14:05-14:40



Director for Policy Planning of
Automated Driving Technology,
Engineering and Environmental
Policy Division, Logistics and
Road Transport Bureau, MLIT

Mr. Kengo Yabe

■Speaker Profile : Director of ITS Policy and Program
Office, Road Traffic Control Division, Road Bureau,
Ministry of Land, Infrastructure, Transport and Tourism

"Efforts Toward Realization of Autonomous Driving"

Autonomous driving is key to addressing social issues like reducing traffic accidents and ensuring elderly mobility. This lecture will cover the current status of autonomous driving technology, policies for its implementation, and efforts towards its realization.

Special Lecture6 14:40-15:15



Director of Autonomous Driving
Planning Office, Traffic Planning
Division, Traffic Bureau,
National Police Agency

Mr.
Norihiro Naritomi

■Speaker Profile : Joined the National Police Agency in
April 1992. He took his current position in August 2023
after experiencing the Deputy Director of License
Division and the Director of Records Management Office.

"Police Efforts To Achieve Autonomous Driving"

Autonomous driving is considered as the technology that contributes to reducing traffic accidents and easing traffic congestion, and the police will support the progress of autonomous driving so that it can be realized at an early stage according to the road environment in Japan. In this lecture, Mr. Naritomi will present the trends on autonomous driving, the NPA's activities and future issues for achieving autonomous driving.

Presentation1 15:30-15:50

Automotive Solutions utilizing Digital Twins and Metaverse ~Providing Autonomous Driving and Simulation Environment~

FORUM8 Executive Officer, System Sales Manager Katsumi Matsuda

UC-win/Road is ideal for creating digital twin environments of cities quickly, utilizing open data and various infrastructure data, including PLATEAU, and is perfectly suited for building various experimental and training environments. As examples of recent applications utilizing the established digital twin environment, this presentation will introduce cases such as: building experimental environments through integration with autonomous driving middleware such as HILS and ROS/ROS2; leveraging traffic and pedestrian flow simulations obtained through AI image processing; developing various training simulators; and utilizing the metaverse platform "Metavania F8VPS".



Presentation2 15:50-16:10

Latest Trends in 3D VR Software Development and Future Outlook

FORUM8 Executive Officer, Development Senior Manager Yoann Pencreach

The latest development status of 3D VR applications including UC-win/Road and future evolution will be introduced. The latest version of UC-win/Road offers even greater capabilities, including enhanced realistic rendering through PBR (Physically Based Rendering), improved haptic feedback support, HMD pass-through functionality, and enhanced integration with OpenDrive. The next-generation VR platform, Metavania F8VPS, will showcase new ways to utilize the metaverse, focusing on new open spaces. The presentation will introduce real-world applications for remote collaboration and training. Utilizing a data integration platform called ForumSync, he will demonstrate data management and sharing capabilities, and discuss the expansion into digital twin technologies and future prospects.



Published Literature Presentation 17:20-17:40

During the Design Festival, all new and existing publications will be sold at special prices at the venue.

New Books

Two new books published by FORUM8 Publishing along with Design Festival 2025 will be introduced. The author of each of the new books will introduce its contents.



Visual Guide for Civil Engineers -Infrastructure for the Next Generation- Professor Emeritus, Tokyo City University Hiromichi Yoshikawa

This visual guide, featuring carefully selected diagrams, illustrations, images, and sketches related to social infrastructure, aims to convey the dynamism of social infrastructure to the next generation, and is intended as a valuable resource for aspiring civil engineers.



New Frontiers Opened by VR Overview of 3D VR Simulation Contest 2002-2024

VR Promotion Council
Advisor: Fumio Seki, Professor of Nihon University
Hiroo Kasagi, Representative of NPO
Community Development Studio

Featuring commentary on all 216 entries from the 3D VR simulation Contest, which will be its 24th this year, provides an overview of VR case studies categorized by time period and field. It explores the evolution of VR technology over the past 20 years and offers insights into future potential applications.

Already Published Books

Special Discount during
DESIGN FESTIVAL 20% OFF

Books published by FORUM8
www.forum8.co.jp/product/book.htm

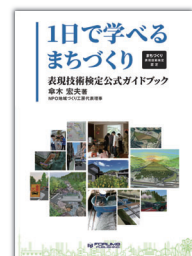


"Learn Urban Planning in 1day"
- XR/Metaverse Expression Technology
Certification Exam



Associate Professorat
Osaka University
Prof.
Tomohiro
Fukuda

"Learn Urban Planning in 1day"
-Certified for Urban Planning Expression Technology
Certification Exam



Representative of NPO
Community Development Studio
Mr. Hiroo Kasagi

"Guidebook for Shade3D
Certification Exam"



Shade3D
Development Group

"Construction DX/Web4.0 Digital
World being Expanded by FORUM8"



Construction IT
Journalist
Mr. Ryota Ieiri

The 24th 3D VR Simulation Contest Awards Ceremony



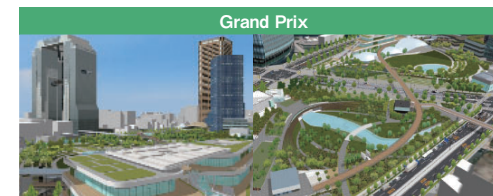
Simultaneous Interpretation
into English/Chinese
16:10-17:20

A must-see event of
the latest utilizations of
UC-win/Road are
showcased!

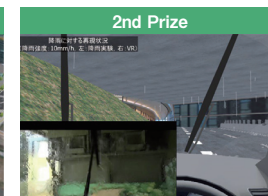
"3D-VR Simulation Contest on Cloud" is the competition between international and domestic contestants to see who can create the most advanced VR simulation. UC-win/Road has been used in various fields from civil engineering/-construction, to driving/traffic simulation, environmental assessment and disaster management. In a recent years, its fields of application and possibilities have been expanded to even educational training and new applications using the metaverse. The 3rd "VR SYSTEM OF THE YEAR" will also be selected by the VR Promotion Council.



23rd
Awardwinning
Work



Grand Prix
DX Platform for Umekita 2nd Phase District
Urban Planning
Urban Renaissance Agency



2nd Prize
Proposal for National
Resilience using BIM/CIM
Mitsui Consultants Co., Ltd.

Award

- | | |
|------------------------------|---|
| Grand Prix | High-performance gaming laptop GALLERIA RL7C-R55-5N, Shopping gift card designed with FORUM8 Rally Japan (JPY100,000), Trophy |
| 2nd Prize | Gaming laptop GALLERIA RL7C-R35-5N, Shopping gift card designed with FORUM8 Rally Japan (JPY50,000) |
| Idea/Essence Award | Shade3D Game Programming PC, Shopping gift card designed with FORUM8 Rally Japan (JPY30,000) |
| Honorable Judge Award | iPad, Shopping gift card designed with FORUM8 Rally Japan (JPY30,000) |
| Nomination Award | Plaque, Shopping gift card designed with FORUM8 Rally Japan (JPY10,000) |



Host/Moderator



Mr. Ryota Ieiri

Host/Moderator /
Award Ceremony Moderator
A construction IT journalist who continues to provide information from a "one step ahead" perspective to solve management challenges facing the construction industry, such as productivity improvement, global environmental conservation, and internationalization, through the introduction of BIM, 3D CAD, and information-based construction.

Juries



Prof.
Fumio Seki
Professor, Civil Eng. Dept.
Fac. of Science and
Tech., Nihon University



Mr.
Hiroo Kasagi
Representative of NPO
Community
Development Studio



Prof.
Tetsunori Haraguchi
Visiting Prof., Org. for
Future Society Creation,
Nagoya University

After engaging in various designs such as bridge, tunnel, civil engineering, river, and road at a major construction company, he was appointed in the current position since 2011. In recent years, in addition to civil engineering design, he works on a wide range of digital technologies, PPI and PPP projects.

Director of Japan Society for Impact Assessment, director of Laboratory of Autonomy Problem, part-time instructor of University of Tsukuba, etc. Won the prize of Minister for the Environment for his activity of global warming in 2005. Author of some books.

After graduating from Department of Mechanical Engineering and Sciences, Graduate School of Kyoto University, he worked at Toyota Motor Corporation, and engaged in the vehicle dynamic performance development at the experiment field and the future vehicle planning at the planning field. Started to work at Nagoya University since 2011 and is a visiting professor now.

VR System of the YEAR

* The VR Promotion Council, which judges the VR SYSTEM OF THE YEAR award (2022-), works to develop and provide a virtual platform using VR, as well as to utilize it in various industrial fields in collaboration with local governments and other organizations.

Trophy,
Shopping gift card designed
with FORUM8 Rally Japan (JPY200,000)



Networking Party

17:45-

Venue Foyer of the Shinagawa Intercity Hall

We will hold a networking party at the end of Day 1. As a communication and information sharing event, our development managers and support managers will also be in attendance. In addition, we will present a VR performance as part of the party content. Everyone, please join us. We are looking forward to having you attend.

*An invitation from users and/or FORUM8 sales representative is required to attend the party.





The 26th VR Conference

Simultaneous Interpretation into
English/Chinese/Japanese

9:50-15:30

Opening Speech 9:50-10:00

Opening Speech of The 19th FORUM8 Design Festival

President of FORUM8 Yuji Ito

Special Lecture 10:00-10:50 “Design Before Disaster”



■Profile

After teaching at the Harvard University Graduate School of Design and the University of Toronto, Mazereeuw is currently teaching at MIT. As a landscape architect and architect, she leads the Urban Risk Lab, which focuses on designing resilient cities that are prepared for climate risks such as flooding, cyclones, and heat stress. The lab works in many countries around the world using technology and design to improve disaster mitigation and recovery. Her forthcoming book, *Design Before Disaster: Japan's Culture of Preparedness*, is being published by the University of Virginia Press in September 2025.

Climate Mission Director for Empowering Front-line Communities / Director - Urban Risk Lab / Associate Professor of MIT School of Architecture and Planning

Prof. Miho Mazereeuw

In this lecture, Miho Mazereeuw presents global design approaches for disaster preparedness, focusing on enhancing awareness through visualization. She emphasizes the importance of fieldwork to understand local impacts and bridge research with action. Key projects include RISKMap AI, which supports real-time communication during disasters, and flood risk analysis in Fukuchiya. She also highlights how everyday spaces can be designed to promote disaster resilience, making preparedness visible and intuitive for the public.

Presentation1 14:30-15:00

Introduction of the New Features in Shade3D

—Future prospects brought by more flexible modeling and the use of AI Utilization of Suite Chidori Engine

FORUM8 Shade3D Development Group Keisuke Mikuriya

The latest version, Shade3D Ver. 26, includes enhancements to model creation, including sculpting, which allows for intuitive mouse operation to create complex and intricate shapes, vertical road alignment editing, and enhanced UV editing. We'll also introduce AI help support aimed at quickly resolving user issues, parametric tools, and improvements to Metavania F8 VPS real-time integration, along with a demonstration of how to use the tool. He will also introduce other features currently in development and future plans. Also, the latest information of the Japan-made game engine 'Suite Chidori Engine' will be introduced.



Presentation2 15:00-15:30

Intelligent Creativity and Reliable Ownership: FORUM8's AI & Web3 Innovation

Technical Advisor, Cambridge Toranomon Laboratory and Suzhou Innovation Hub Marc Aurel Schnabel

Director, Suzhou Innovation Hub Yingge Schnabel

'F8-AI™ MANGA', which is utilizing AI-based image style conversion and learning models, automatically generates professional-quality manga expressions, greatly expanding the scope of creativity. The blockchain platform 'Majimon F8NFTS' prevents data tampering using cryptographic technology and enables secure management and ownership of digital assets. This presentation will introduce a vision of the future where AI and Web3 combine to achieve both creativity and security.



The 15th Student BIM&VR Design World Cup VDWC Public Presentation & Final Judgment

Simultaneous Interpretation into
English/Chinese/Japanese

10:50-12:05

The 15th VDWC is a cloud-based competition for cutting-edge architectural and civil engineering designs. Numerous works have been submitted from Japan and abroad. Each team will present their work at the final public judging.

VIRTUAL DESIGN WORLD CUP

Cloud-based design competition for civil engineering and construction works with BIM/CIM and VR!

[Theme] The Road to the Zoo
- Public Entertainment Promenade

Target Area
Shunan City

Juries

Prof. Yasushi Ikeda
Project Prof., Univ. of Tokyo,
Faculty of Engineering, Dept.
of Architecture, Architecture
Information Lab.

Prof. Kostas Terzidis
Prof., Tongji University,
Design Creative Academy

Prof. C. DAVID TSENG
National Cheng Kung
University, Taiwan

Prof. Miho Mazereeuw
Associate Professor of MIT
School of Architecture
and Planning

Prize

World Cup Award Prize 300,000JPY
Crystal cup

Excellence Award Prize 100,000JPY
Excellence Award Cup

Honorable Judge Award Prize 50,000JPY
Commemorative Cup

Nomination Award Souvenir



The 13th Student Cloud Programming World Cup CPWC Public Presentation & Final Judgment

Simultaneous Interpretation into
English/Chinese/Japanese

13:15-14:30

The 13th CPWC is a competition for programming skills to develop cloud application using development kit. Numerous works have been submitted from Japan and abroad. Each team will present their work at the final public judging.

CLOUD PROGRAMMING WORLD CUP

Use the SDK to develop a competitive cloud-based application!

[Theme]
Creating the next-generation digital technology leading to the Web 4.0 era

Juries

Prof. Tomohiro Fuda
CPWC Head Judge
Graduate School of Engineering,
Osaka University

Prof. Makoto Sato
Professor Emeritus of
Tokyo Institute of
Technology

Assoc. Prof. Taro Narahara
College of Architectural
Design New Jersey Institute
of Technology

Mr. Yoann Pencreach
Senior Manager of Development
Group, FORUM8

Prize

World Cup Award Prize 300,000JPY
Crystal cup

Excellence Award Prize 100,000JPY
Excellence Award Cup

Honorable Judge Award Prize 50,000JPY
Commemorative Cup

Nomination Award Souvenir



13th CPWC / 15th VDWC Awards Ceremony

Simultaneous Interpretation into
English/Chinese/Japanese

15:45-16:45



VDWC/CPWC Presenter

Mr. Patrick Harlan

The event will be hosted by Mr. Patrick Harlan (Pakkun), who appears in our company's TV commercials.

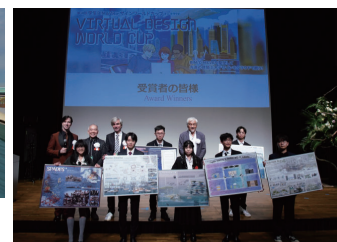
FORUM8 TV commercial character Pakkun will host the awards ceremony!

Many projects from both domestic and international participants have been submitted to the 13th CPWC, where participants compete in cloud app programming using development kits, and the 15th VDWC, where advanced architecture and civil engineering designs are showcased in the cloud.

CPWC 12th World Cup Award

Smart Image of Port Transport
Pathfinder
School: Shanghai University (China)

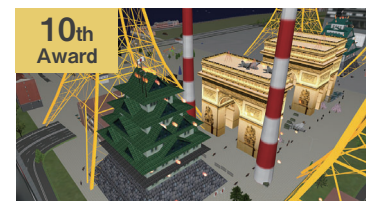
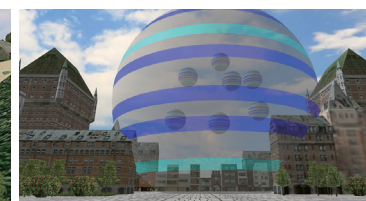
VDWC 14th World Cup Award

Marine Amoeba
Ocean
School: Nihon University (Japan)Simultaneous Interpretation into
English/Chinese/Japanese

The 11th Junior Software Seminar Award Ceremony

16:45-17:15

The "Junior Software Seminar," held during winter, spring, and summer breaks for elementary and junior high school students, connects the Tokyo headquarters with nine seminar rooms across Japan via video conference. This event will showcase and award VR works created by the students during the seminar.

Nighttime Sengoku Period
Elementary 5th GradeAeropolis
Junior High 1st GradeVR Summer Picture Diary
Elementary 2nd GradeFuture
Elementary 2nd Grade

Networking Party

Venue Foyer of the Shinagawa Intercity Hall 17:25-

This year's party will be held with the theme "Christmas"!

We will host a modest reception to celebrate our Day 2 contest winners and provide an opportunity for networking with speakers and attendees from around the world. We warmly invite you to join us for this wonderful occasion to deepen connections with fellow participants.



※An invitation from users and/or FORUM8 sales representative is required to attend the party.

DAY 3 11.21 Fri

The 11th State of the Art Technologies Expression Association & Latest Technology Art Session

Simultaneous Interpretation into
English/Chinese/Japanese

9:50-11:00

Opening Speech 9:50-10:10

Opening Speech of The 19th FORUM8 Design Festival

President of FORUM8 Yuji Ito



The 9th Hagura Award

State of the Art Technologies
Expression Association

To spread and promote the state-of-the-art expression technology, State of the Art Technologies Expression Association established the "Hagura Award". The purpose of this award is to contribute to enhancing the quality of expression technologies and spreading them to various fields by commending contributions to the society through works and activities utilizing the state of the art expression technologies regardless of field. The winners will be announced and awarded in this session.

Greeting from Chairman 10:10-10:20



Chairman of the State of the Art Technologies Expression Association

Mr. Akira Hasegawa

Profile

Digital Art Creator
Born in 1947 in Komatsu, Ishikawa, Japan. Received many awards including Grand Prix of TV Commercial section by The Japan Commercial Broadcasters Association and ACC Award and more. He created thousands of works, including NHK's Taiga drama "Ryukyu no Kaze", NHK news programs, the logo for China Central Television (CCTV), and corporate TV commercials.

Awards

Hagura Award
Prize JPY 200,000, Trophy**Corporate Award (FORUM8 Award)**
Prize JPY 150,000**Excellence Award**
Prize JPY 100,000**Incentive Award**
Prize JPY 50,0008th
Award

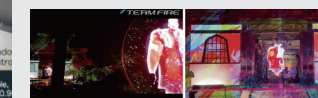
Hagura Award

"Spot Shadow: A System for Manipulating Shadows in Spatial Design"Saki Sakaguchi,
Tokyo Metropolitan University

Excellence Award

"3 Dimensional Display Using a Light Source Array"
Space Media Lab., NHK Science & Technology Research Laboratories

FORUM8 DKFORUM Award

"Digital Noh Performance in Koenji 2024" Daisuke Doi, Droots Inc.

Presentation 1 11:00-11:20

Initiatives to support dissemination and utilization of state-of-the-art technologies in expression, and utilization of Digital Twin / Metaverse / AI / NFT

FORUM8 Technology Marketing Manager Shingo Koya

He will introduce various initiatives being taken by the State of the Art Technologies Expression Association (SOAT), including the Expression Technology Certification Exams. Additionally, He will present the latest information on real-world applications of cutting-edge technologies in expression—such as "Metavania F8VPS," "ForumSync," "UC-win/Road," "Majimon F8NFTS," and the AI-powered design tool "F8-AI™ MANGA"—in projects involving digital twins, the Metaverse, AI, and Web3 technologies.

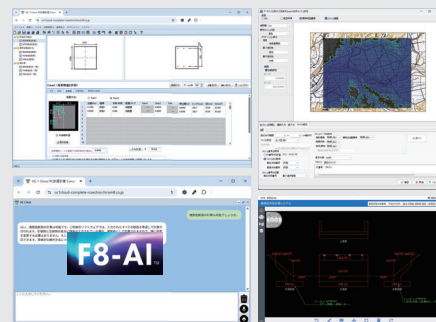


Presentation 2 11:20-11:50

"Effectiveness of the UC-1 Series in Addressing Frequent Flood Disasters and Efforts Toward AI and Cloud Integration"

FORUM8 Executive Officer, UC-1 Development Manager Shiro Nakahara

As a measure against the increasingly frequent water-related disasters caused by linear precipitation zones and sudden downpours in recent years, we will introduce a new product—the "Flood Inundation Analysis System"—which enables flood inundation assumption maps through one-dimensional unsteady flow calculations of river channels and two-dimensional inundation and floodplain analysis, accompanied by a demonstration. Additionally, in response to the rapid advancement of AI and cloud technologies, we will present the latest updates, including: F8-AI™ UC Support / AI Chat-based design support functions being integrated across all products; the first fully cloud-based release in the UC-1 series - UC-1 Cloud RC Section Calculation (based on existing standards) Complete; and Bridge Inspection Support System compatible with tablet input—also demonstrated during the session.



The 18th International VR Symposium

The International VR Symposium brings together members of "World16," a group of international researchers from fields such as architecture, civil engineering, and urban planning, to present and discuss proposals for the use of VR. This symposium will feature presentations on research, development, and the application of results to our company's package products, with the session hosted by Dr. Yoshihiro Kobayashi from Arizona State University. We will deliver presentations focusing on outstanding initiatives based on the applications of VR proposed at the Summer Workshop, which began in Phoenix in 2008 and marks its 16th edition this year.

Simultaneous Interpretation into English/Chinese/Japanese

13:15-14:25



Greeting from World16 Chair



International VR Symposium, the cutting-edge XR and AI researches in the world.

Professor, Department of Computer Science and AI, Arizona State University

Mr. Yoshihiro Kobayashi

We will introduce and review projects proposed by the World 16 researchers at a workshop held this summer at Sapienza University of Rome in Italy. This year's theme is how to integrate the latest, rapidly evolving AI technologies with existing 3D tools. We will explain MCP technology, which allows multiple software to run simultaneously with AI (LLM and prompt), as well as the implementation and development of next-generation digital twins, with future prospects.

Special Lecture 1



The Latest Trends in AI-Augmented Architectural Design in the US: Enhancing Creativity and Workflow with Generative Models

Associate Professor, Department of Arts and Design, New Jersey Institute of Technology

Mr. Taro Narahara

Generative AI supports creative decision-making in architecture and urban design, expanding traditional thinking and the design process. This presentation will introduce an approach to enhancing creativity by using AI as a "co-pilot," drawing on examples from education and design processes in the United States. We will discuss efforts to break creative bottlenecks, explore diverse design perspectives, and expand architectural thinking while respecting real-world constraints, as well as the potential for design support and operational efficiency in the architecture and civil engineering fields.

Special Lecture 1



Forefront of XR and Metaverse - AI, 3D Reconstruction, and Digital Twins Open Up New Horizons

Professor, Department of Environmental and Energy Engineering, Osaka University

Mr. Tomohiro Fukuda

Advances in AI-based analysis, 3D reconstruction, and digital twins that precisely mirror the real world are dramatically expanding the possibilities of XR and the Metaverse. This presentation will introduce the latest technological trends with concrete examples and explore practical applications in a wide range of fields, including urban development, industry, education, and cultural experiences, as well as new directions for value creation.

Design Analysis

The 19th Design Conference

Simultaneous Interpretation into English/Chinese/Japanese

14:25-17:00

A lecture will be given on initiatives aimed at disaster mitigation in response to the increase in extreme weather events due to climate change and the frequent occurrence of complex disasters such as earthquakes. Additionally, considering the BIM/CIM and i-Construction initiatives promoted by the Ministry of Land, Infrastructure, Transport and Tourism, presentations will be made on the development of FORUM8 solutions in areas such as DX (Digital Transformation), seismic resilience, disaster prevention, and informatized construction.

特別講演 14:25-15:15



Profile

He graduated from the Department of Civil Engineering, Faculty of Engineering, University of Tokyo in 1976. He is currently a professor emeritus at Shibaura Institute of Technology. His specialty is urban hydrology, particularly groundwater, urban rivers, and urban stormwater drainage.

History of Inundation Model Development and Its Evolution into a Flood Risk Assessment Model

Professor Emeritus, Shibaura Institute of Technology

Prof. Masaru Morita

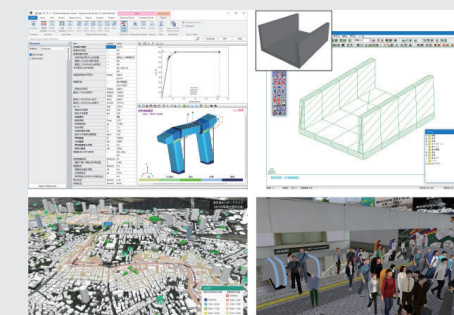
Urban flood inundation models have rapidly advanced since the 1990s, driven by the direct application of hydraulic models such as unsteady flow calculations and improvements in computer performance as analytical tools. Today, they play an increasingly important role in flood mitigation efforts, including the widespread use of urban flood hazard maps and assessments of climate change impacts. In the lecture, he will introduce the history of inundation model development and explain about the future challenges such as quantitative flood risk assessment and the incorporation of uncertainty.

プレゼンテーション 3 15:15-15:45

The Latest Updates on FORUM8's FEM Analysis Solutions and Simulation Case Studies

FORUM8 Analysis Support Group Deputy-Chief Hiroto Matsuyama

This presentation will introduce new features of our structural and ground FEM analysis solution, including support for pushover analysis in Engineer's Studio®, which was in high demand, and integration of the modeling software Shade3D with FEM analysis software (FEMLEEG®) for workflow optimization. He will also introduce risk assessment using various disaster simulations, including flooding, and risk visualization and countermeasure consideration using 3DVR.



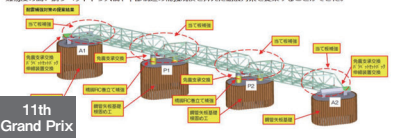
The 12th National Resilience Design Award - Announcement of Awards / Award Ceremony

Outstanding examples and achievements contributing to national resilience are brought together!

The "National Resilience Design Award" showcases specific application examples and achievements that contribute to national resilience. This event aims to provide a platform for information sharing and technical skill development for engineers and related professionals. It highlights and honors outstanding works in the fields of structural analysis (civil engineering and architecture), geotechnical engineering, hydraulic engineering, and disaster prevention.

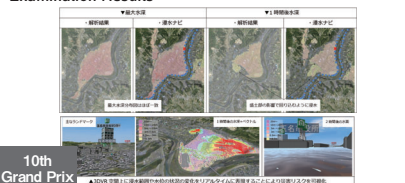
Proposed Results of Seismic Retrofitting Measures

橋梁構造や地盤の特性を考慮した震害復旧・耐震補強計画の提案。下部に示すように「耐震補強計画」として「鋼管束補強工法」を採用し、上部構造との信頼性を確保しつつ地盤力の削減が期待できる「免震・減震」により、耐震性の高い橋梁・トンネル・道路橋の補強計画を提案することができた。



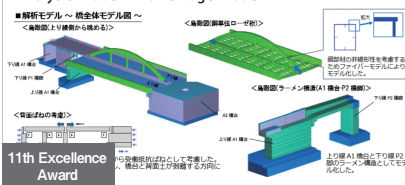
11th Grand Prix
"Seismic Performance Evaluation of 3 Simple Steel (Iron) Riveted Truss Bridges"
—Seismic Performance Evaluation of Existing Bridges Considering Bridge Structure and Soil Characteristics—
Aratani Civil Engineering Consultants CO.,LTD.

Examination Results



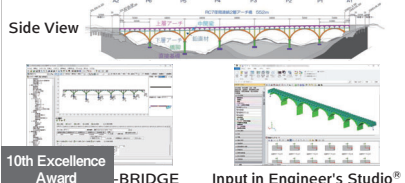
10th Grand Prix
"Flood simulation using 3D city model"
—Visualize disaster risks using moving hazard maps
Tamana City, Kumamoto Prefecture

Analysis Model – Full Bridge Model



11th Excellence Award
"Evaluation of Existing Seismic Performance of a Steel Single-String Lozenge Bridge and Reinforcement Examination"
—Creation of Analysis Model for Rational Reinforcement
NIX JAPAN Co., Ltd.

Side View



10th Excellence Award
"New Meishin Expressway Tenjingawa Bridge Design"
—To ensure the structural integrity of RC 7-span continuous double-layer arch bridge
KAJIMA CORPORATION

NARDA Simultaneous Interpretation into English/Chinese/Japanese
16:00-17:00



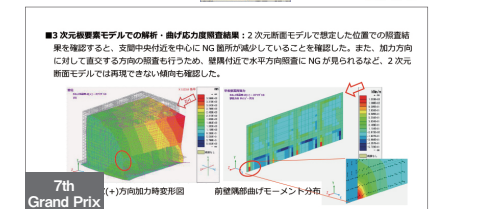
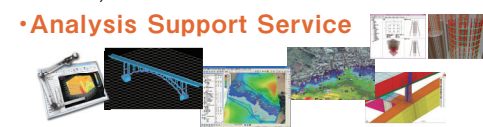
Each Award

- Grand Prix** High Performance Laptop PC (GALLERIA RL7C-R45-5N), FORUM8 Branded Book Card (JPY50,000), Trophy
- Excellence Award** Gaming Laptop PC (GALLERIA RL7C-R35-5N), FORUM8 Branded Book Card (JPY30,000)
- Honorable Judge Award** Shade3D/Game Programming PC, FORUM8 Branded Book Card (JPY20,000)
- Nomination Award** FORUM8 Branded Book Card (JPY10,000), Plaque

Special PC Sponsor: THIRDWAVE CORP.

Product Info

- FEM Analysis**
•Engineer's Studio®, Dynamic non-linear analysis of 3D laminated plates and cables
•FEMLEEG®, Comprehensive finite element method analysis system
•WCOMD Studio
•Geotechnical Analysis (GeoFEAS® VGFlow® / 2D elasto-plastic ground analysis GeoFEAS®2D / Geo Engineer's Studio Dynamic Stress Analysis for Ground UWL / 3D Slope Stability Analysis LEM3D / 2D seepage analysis VGFlow®)
- UC-1 Series**
•Structural Analysis, Bridge Superstructures, Bridge Substructures, Foundation Work, Temporary Construction, Road/Earth work, Waterworks, etc.
•xpswmm (Rainwater runoff analysis / flood analysis software)
- Analysis Support Service**



7th Grand Prix
"Comparison of seismic test result by using 2D and 3D model of existing water tank"
—Validity of analysis and verification in different models
Nihon Suiko Consultant Co.,Ltd

Host/Moderator



Mr. Ryota Ieiri
Host/Moderator / Award Ceremony Moderator
Construction IT Journalist. Shares forward-thinking insights on solving management challenges in the construction industry—such as productivity improvement, environmental conservation, and globalization—through the adoption of BIM/CIM and ICT technologies.

Juries



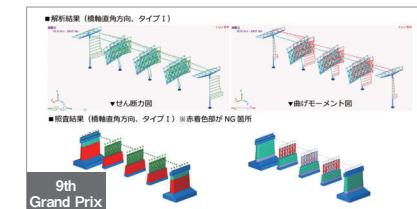
Prof. Hiromichi Yoshikawa
Chair
Honorary Prof., Tokyo City University
Waseda University's School of Science and Engineering. Graduate with a specialization in Construction and Doctorate in Construction Engineering. Specializes in seismic design, earthquake risk, and reinforced concrete. Recipient of the Japan Society of Civil Engineers Paper Award, the Yoshida Award, among others. Author of 7 books including "Urban Earthquake Disaster Prevention".



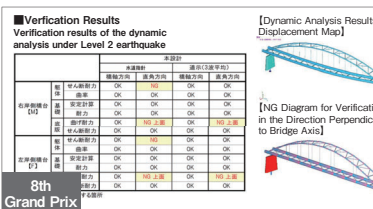
Prof. Masaru Morita
Honorary Prof., Shibaura Institute of Technology
Honorary Professor at Shibaura Institute of Technology. Specializes in urban hydrology, groundwater hydrology, and flood risk management. Author of "Groundwater Talks - The Crisis of Invisible Resources" (Iwanami Shinsho).



Prof. Akihiko Wakai
Professor, Gunma University Graduate School of Science and Engineering
Specializes in geotechnical disaster prevention and the interaction between ground and structures. Engaged in research on phenomenon prediction using computers, elucidation of mechanisms during extreme weather events and major earthquakes, and development of disaster mitigation strategies.



9th Grand Prix
"Level 2 Earthquake Dynamic Nonlinear Analysis of Existing Overpass with Composite Piers"
—Verify a bridge constructed in the early Showa period under the latest seismic loads
KRAY Inc.



8th Grand Prix
"Seismic Study of Existing Steel Pipe Arch Water Pipe Bridge"
—Check damages of steel arch members and verify nonlinear seismic performance of legs
NIX Co., Ltd.

Special Events for Premium Users



Comedian and Celebrity Patrick Harlan (Pakkun)

After graduating from Harvard University, he moved to Japan in 1993. Formed the comic duo "Pakkun Makkun". Birthplace: Colorado, US
Fukui brand ambassador
Part-time Lecturer at Tokyo Institute of Technology, visiting professor at Ryutsu Keizai University
Hobby: Floor exercise, spring board diving, volleyball, table tennis

Social golf Tournament with Pakkun Camellia Hills Country Club

Place: Camellia Hills Country Club <https://golf-in-japan.com/courses/chiba/camellia-hills-cc>
265 Otake, Sodegaura, Chiba 299-0221, Japan TEL: +81-(0)438-75-4111

Time: Starts at 9:03 AM
(Scheduled to depart from Shinagawa Intercity Building A Drop-off area at 7:00 AM)

Candidates: Those who attended Design Festival Day 1, Day 2, Day 3 / Membership System, SPU are invited



Technical Tour

Enjoy the Autumn Leaves of Hakone and Ashinoko Lake! Hakone & Ashinoko Lake Ashi Sightseeing Cruise Tour

Candidates: Those who attended Design Festival Day 1, Day 2, Day 3 / Membership System, SPU are invited

Sat. Nov. 22nd 8:30-19:00 Bus departs from Shinagawa Intercity Building A
Walk around Hakone -
Ashinoko Lake Sightseeing Cruise Tour -
Gotemba Premium Outlet



Registration

Please fill out the application form enclosed with this invitation.

FAX : 03-6894-3888

*Travel and accommodation fee needed to get to the meeting place are at your own expense.

*If there are many applicants, participants will be selected via lottery.

11.17 MON - 11.18 TUE Day 1 13:00-17:30 / Day 2 9:30-17:30 UC-win/Road Expert Training Seminar



UC-win/Road Expert Training Seminar is a seminar for distributors of UC-win/Road and consultants who are proposing VR projects using UC-win/Road.

Participation Fee JPY 19,800

Date and Time Nov.17 MON 13:00-17:30
Nov.18 TUE 9:30-17:30

Venue FORUM8 Tokyo Head Office Seminar Room

*Please refer to Map on the back cover

Seminar Details / How to Register

FORUM8 Home Page > Seminar/Fair
You can apply via application form on FORUM8 Homepage > Seminar/Fair.
Please search using the keyword 'Expert'.



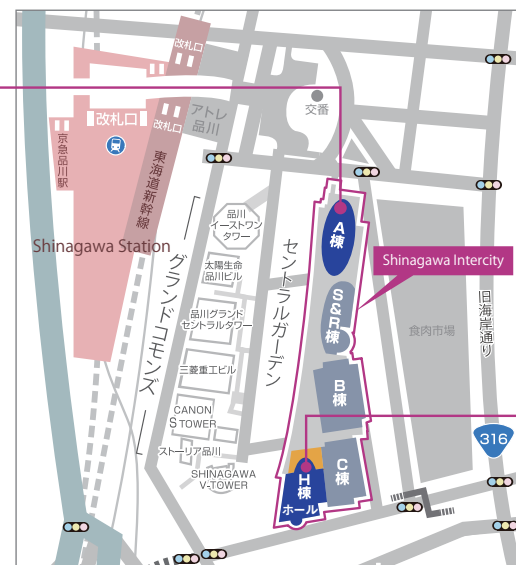
MAP

- Venue Information -

Expert Seminar Venue
FORUM8 Tokyo Head Office
 Shinagawa Intercity Building A 21F
 Showroom / Seminar Room



5 minute walk from Shinagawa Station
 FORUM8 Tokyo Head Office
 Shinagawa Intercity Building A 21F,
 2-15-1 Konan, Minato-ku,
 Tokyo 108-6021, Japan
 TEL: +81-3-6894-1888



Shinagawa Intercity is located in front of Shinagawa Station (JR East, Keikyu), with direct access to all stations on the Yamanote Line, as well as to cities in the Yokohama and Chiba areas, and even Narita International Airport and Haneda Airport.



Event Venue
 Shinagawa Intercity Building H,
 1st Floor, Hall & Foyer

株式会社フォーラムエイト



ISO27001/27017 ISMS

ISO22301 BCMS

ISO9001 QMS

ISO14001 EMS



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Osaka office		Tel : +81-6-6882-2888	Fax : +81-6-6882-2889	Super computer cloud Kobe
Drone School Osaka Namba		Tel : +81-120-963-572		Cambridge Toranomon Laboratory
Fukuoka office		Tel : +81-92-289-1885	Fax : +81-92-289-1885	FORUM8 NETSUGEN Gunma Desk
Sapporo office		Tel : +81-11-806-1888	Fax : +81-11-806-1889	Shanghai
Nagoya showroom		Tel : +81-52-688-6888	Fax : +81-52-688-7888	Qingdao
Sendai office		Tel : +81-22-208-5588	Fax : +81-22-208-5590	Suzhou
Kanazawa office		Tel : +81-76-254-1888	Fax : +81-76-255-3888	Taipei
Iwate office		Tel : +81-19-694-1888	Fax : +81-19-694-1888	Hanoi(Vietnam)
Okinawa office		Tel : +81-98-951-1888	Fax : +81-98-951-1889	Ireland/Sydney/Korea/Italy/Boston
Miyazaki office		Tel : +81-985-58-1888	Fax : +81-985-55-3027	