


SEWC2002

Structural Engineers World Congress

2nd. Announcement and Call for Papers




Yokohama, Japan
October 9-12, 2002

Date : October 9-12, 2002
Venue : PACIFICO YOKOHAMA



Katsumi Yano
Chairman SEWC2002

Invitation

To Socially Appreciated Structural Engineers:

- looking for the right ways to act to meet the needs of our age -

The first Structural Engineers World Congress (SEWC '98), which was held in San Francisco, called together roughly 1,800 structural engineers from all over the world to discuss the prevailing situations regarding professional practice and technical matters. The second SEWC will be held in Yokohama, Japan. Around 2,000 structural engineers from around the globe will come together in Asia, which is expected to be the most thriving region for the construction industry at the beginning of the 21st century. There will also be a congress to discuss problems, technical solutions and social responses presented by the participants.

The needs of a society vary from country to country and from region to region. Though the importance attached to these needs differs according to the culture and the economy of each country, the relevant techniques can still be shared. The construction technology of the 20th century was able to contribute remarkably to the well being of people around the world. Now we, as structural engineers, are expected to demonstrate how we will make progress, develop our trade and satisfy our society's needs in the 21st century. The well being of people will be largely determined by what techniques, and under what social systems we will use these techniques, in tackling global environmental problems, realizing ideal towns for our life and creating buildings and public facilities required by rapidly developing cities.

Only through improving our technical skill will we be appropriately appreciated by society. It is only through our technical response to what the society requires that makes us so appreciated. Therefore, SEWC2002 was created to give you various opportunities to exchange information on social systems and technologies that will help us to better find our way and achieve our goals.

The structural engineers who must meet these expectations will come together at SEWC2002 to exchange and discuss up-to-date information on the techniques and social systems of each country. We do hope that many people from many different fields will participate in this congress.



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Purpose

The Structural Engineers World Congress (SEWC) is an international conference with world-wide participation by structural engineers.

The primary purpose of SEWC is to focus on the overall practice of structural engineering for both technical and professional practice matters, including education, licensing, consultant selection and the interaction of engineers with society at large.

In overall terms, it is aimed that the conference will address the needs of the structural engineering profession world-wide, improve the profession's interaction with and impact on society in general, and raise the public status of structural engineers.

Main Social Topics

Environmental Problems in Structural Engineering

Performance-based Design and Performance Indication

License and Education for Structural Engineers

Information Technology (IT) in Structural Engineering

Engineering Objectives and Social Demands for Seismic Engineering

Organization

Board Member Associations



American Concrete Institute International (ACI)



Structural Engineering Institute of the American Society of Civil Engineers (SEI/ASCE)



The Hong Kong Institute of Engineers (HKIE)



International Association for Bridge and Structural Engineering (IABSE)



The Institute of Structural Engineers (IstructE)



Japan Federation of Architects and Building Engineers Association (JFABEA)



Japan Structural Consultants Association (JSCA)



Japan Society of Seismic Isolation (JSSI)



Korean Society of Civil Engineers (KSCE)



The Korean Structural Engineers Association (KSEA)



Structural Engineers Association of Taiwan (SEAOT)

Cooperating Organizations (Association)

The Building Center of Japan, Foundation (BCJ)
Society of Fiber Repair and Strengthening (FiRSt)
General Building Research Corporation of Japan (GBRC)
The Japan Architectural Education and Information Center (JAEIC)
The Japan Institute of Architects (JIA)
Japan Society of Steel Construction (JSSC)
National Council of Structural Engineers Associations/
Structural Engineers Association of California (NCSEA/SEAOC)
Japan Pressure Welding Society

Supporting Organizations (tentative)

Ministry of Land, Infrastructure and Transport
Ministry of Economy, Trade and Industry
Ministry of the Environment
City of Yokohama
Japan Highway Public Corporation (JH)
Urban Development Corporation (UDC)
Honshu-Shikoku Bridge Authority (HSBA)
Metropolitan Expressway Public Corporation (MEX)
Building Research Institute (BRI)
Public Works Research Institute (PWRI)
Architectural Institute of Japan (AIJ)
Japan Society of Civil Engineers (JSCE)
Japan Steel Constructors Association
KTB Association

Supporting Company

Bridgestone Corporation
DAISAN STEEL Co., Ltd.
Decision Japan Co., Ltd.
Fudo Building Research Co., Ltd.
Geotop Corporation
Hitachi Metals Techno, Ltd.
JAPAN STEEL STRUCTURE JOURNAL CO., Ltd.
KAJIMA CORPORATION
KAWADA INDUSTRIES, INC.
KAWAGISHI Bridge Works Co., Ltd.
Kawasaki Heavy Industries, Ltd.
KAWASAKI STEEL Corporation
KEISAN KOGYO Co., Ltd.
KOBE STEEL, LTD.
KOBORI Research Complex, Inc.
KODAMA CO. LTD
KOMAI TEKKO Inc.
KOZO KEIKAKU ENGINEERING Inc.
KOZO System Inc.
KUME SEKKEI Co., Ltd.
KUROSAWA CONSTRUCTION CO.,LTD.
Maeda Corporation
MAETA CONCRETE INDUSTRY LTD.
Mitsubishi Jisho Sekkei Inc.
Mitsubishi Steel Mfg. Co., Ltd.
MIYAJI IRON WORKS CO., LTD.
NIHONSEKKEI, INC.
Nikken Sekkei Co., Ltd.
NIPPON CONCRETE INDUSTRIES CO., LTD.
Nippon Steel Corporation

Nishimatsu Construction Co., Ltd
NKK CORPORATION
NTT Building Technology Institute
NTT DATA CORPORATION
NTT Facilities
NTT Urban Development Co.
OBAYASHI CORPORATION
Ohsaki Research Institute, Inc.
OILES CORPORATION
OKABE Co., Ltd
OKAWA Transteel Corporation
ORIENTAL Construction Co., Ltd.
Penta-Ocean Construction
P.S. Corporation
SHIMIZU Corporation
SHOWA ELECTRIC WIRE & CABLE CO., LTD.
Sumitomo Metal Industries, Ltd.
SUMITOMO METAL MINING
TAISEI Corporation
TAIYO KOGYO CORPORATION
Takenaka Corporation
Tokyo Soil Research Co.,Ltd.
Tokyo Steel-rib and Bridge Construction Co., Ltd.
TOMOE Corporation
TOYO Techno Corporation
TM GIKEN Co., Ltd.
VSL JAPAN CORPORATION
YAMASHITA SEKKEI INC.
Yokogawa Bridge Corp.
YOKOMORI MFG CO., LTD

Supported by

The Japan National Tourist Organization

Program at a Glance (Tentative)

9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00

Wed. October 9	Registration 14:00 – 19:30						Icebreaker Reception 18:00 – 19:30
	Technical Tours 10:30 – 18:30						
	Cultural Tours 9:30 – 18:00						
Thu. October 10	Opening Ceremony 9:00-9:30	Keynote Speech 9:30 – 10:40	Sessions 10:45 – 12:25	Lunch 12:30 – 14:00	Keynote Speech 14:00-15:10	Sessions 15:15 – 16:55	
	Technical Tours 10:30 – 18:00						
	Cultural Tours 7:00 – 12:30			Cultural Tours 16:30 – 22:30			
	Exhibition 9:00 – 18:00						
Fri. October 11	Keynote Speech 9:00-10:10	Sessions 10:15 – 11:55	Lunch 12:00 – 13:30	Sessions 13:30 – 15:10	Sessions 15:15 – 17:55	SEWC Party 18:30 – 20:30	
	Technical Tours 10:30 – 18:00						
	Cultural Tours 12:30 – 18:30						
	Exhibition 9:00 – 18:00						
Sat. October 12	Sessions 9:00 – 10:40	Overall Summary 10:45 – 12:45	Closing Ceremony 12:45-13:00				
	Exhibition 9:00 – 15:00						

Keynote Addresses



Dr. Katsuhiko Ishida

Senior Research Engineer

Central Research Institute of Electric Power Industry, Japan

“Next Generation Risk for Earthquake Disaster – Urban Social Functionality and Performance of Design of Structure”



Prof. Niel J. Gimsing

Department of Civil Engineering

Technical University of Denmark, Denmark

“The Storebælt and the Øresund Link at Completion and in Operation”



Prof. Li-Hyung Lee

Division of Architectural Engineering

Hanyang University, Korea

“Structural Design of Incheon International Airport and International Co-operation”



Dr. Bojidar Yanev

Executive Director

Bridge Inspection & Bridge Management

Department of Transportation, New York City, USA

“The Management of Bridges Maintenance, Construction and Design: a View From New York City”



Prof. Hyo-Nam Cho

Department of Civil & Environmental System Engineering

Hanyang University, Korea

“Life Cycle Cost Effectiveness for Design and Rehabilitation of Civil Structures”



Prof. Maw-Shyong Sheu

Department of Architecture

National Cheng-Kung University, Taiwan

“High Rise Building Structures in Taiwan”

Overall Summary

1. *Environmental Problems in Structural Engineering*

Environmental aspects are of increasing importance in structural engineering. Positive attitudes of structural engineers to engage in these activities will be stated through summarizing discussions for managing environmental problems, including the mitigation of impacts on the environment and enhancing the sustainability of structures.

Summarized by: **Dr. Toshio Okoshi**, President, Japan Structural Consultants Assc.

2. *Performance-based Design and Performance Indication*

Sessions related to performance evaluation and also those related to insurance systems are summarized. Methodologies to inform structural performance to clients/users will also be indicated.

Summarized by: **Prof. Takayuki Teramoto**, Science University of Tokyo

3. *License and Education for Structural Engineers*

Sessions related to the licensing/education systems for structural engineers are summarized taking into account the world-wide current status and the expected future in this field. Directions to enhance the social confidence in structural engineers will also be shown.

Summarized by: **Prof. Fumio Nishino**, National Graduate Institute for Policy Studies

4. *Information Technology (IT) in Structural Engineering*

Sessions for incorporating IT in structural design and construction are summarized and how improved use of IT in structural engineering can benefit society will also be shown.

Summarized by: **Mr. Kazu Nambayashi**, Manager, Information Planning Dept.,
Taisei Corporation

5. *Engineering Objectives and Social Demands for Seismic Engineering*

Sessions related to seismic design and seismic control are summarized. It will clarify that recent advances in this field are not limited to the prevention of structural collapse, but also developments to overall seismic proof engineering including the protection of functionality against earthquakes.

Summarized by: **Prof. Akira Wada**, Tokyo Institute of Technology

The following organizations have formed working group to investigate the structural collapses of the World Trade Center in New York and Pentagon in suburban of Washington resulting from the terrorist attacks on September 11, 2001. Their works will be reported and discussed in the Congress.

*The American Society of Civil Engineers (ASCE)/Teams to Study NY and DC Disasters
American Institute of Steel Construction (AISC)/AISC Task Force to Investigate World Trade Center Collapse
Architectural Institute of Japan (AIJ)*

Details of the sessions will appear in the final program which will be distributed to the participants at the Congress.

Professional Sessions

P1: National and International Requirements in Structural Engineering

- P1-1 International Code/Standard Purpose and Current Status
- P1-2 Country Code for Design and Construction
- P1-3 Influence of Performance Based Design Code on Structural Engineer

P2: Education, License and Continuous Professional Development

- P2-1 Education and License for Structural Engineer
- P2-2 International Registration System for Structural Engineer
- P2-3 International Interchange of Structural Engineer

P3: Design Consulting Business

- P3-1 Risk Management in Engineer's Profession
- P3-2 Liability and Legal Aspects in Structural Engineer's Business

P4: Project Planning and Execution

- P4-1 Design and Build
- P4-2 Construction Management and Structural Engineer
- P4-3 Private Finance Initiative (PFI)

P5: Cultural, Social and Environmental Issues

- P5-1 Customer and Structural Engineer
- P5-2 Mutual Recognition of Regional Systems
- P5-3 Environmental Aspects in Structural Engineering
- P5-4 Reform/Retrofit and Structural Engineer

Technical Sessions

T1: Structural Design, Analysis and Construction

- T1-1 System Identification and Damping Evaluation
- T1-2 Building and Bridge Design, Analysis and Construction
- T1-3 Structural Design Methodology
- T1-4 Performance Based Design (1) General
- T1-5 Performance Based Design (2) Serviceability
- T1-6 Performance Based Design (3) Seismic Action
- T1-7 Fireproof Engineering
- T1-8 Industrialization of Building Structure
- T1-9 Definition and Measurement of Performance of Highway Bridges
- T1-10 Recent Trend of Hybrid Bridges
- T1-11 System Identification and Bridge Evaluation

T2: Earthquake Engineering

- T2-1 The Innovative Techniques on Seismic Isolation System
- T2-2 Passive Control Structures: JSSI Criteria for Design and Analysis
- T2-3 Seismic Behavior of Wood Frame Construction: An International Perspective
- T2-4 The State of the Art Applications of Performance Based Design for Earthquake Protection

- T2-5 Implementations of Passive Energy Dissipaters for Earthquake Response Control
- T2-6 Recent Earthquakes
- T2-7 Safety and Design of Stepping Structures under Severe Earthquake
- T2-8 1999 Chi-Chi Earthquake in Taiwan
- T2-9 Seismic Design of Bridges in Moderate Seismicity Regions
- T2-10 Seismic Response Control of Bridges
- T2-11 Performance-based Seismic Design of Bridges

T3: Innovative Structures and Materials

- T3-1 FRP Composites and Masonry Structures
- T3-2 The Innovative Techniques on Seismic Isolation Devices
- T3-3 Passive Control Devices: JSSI Criteria for Implementation
- T3-4 Vibration Control
- T3-5 Innovative Materials
- T3-6 Hybrid Structure
- T3-7 Micro-vibration Control
- T3-8 Durability of High-Performance Concrete

T4: Spatial Structures and Large Structures

- T4-1 World Cup 2002 Stadiums
- T4-2 Recent Development of Structural Engineering in Hong Kong
- T4-3 High-rise Building
- T4-4 Long-span Structure

T5: Foundation Engineering

- T5-1 Settlement
- T5-2 New Technology in Foundation Engineering

T6: Information Technology

- T6-1 Information Technology in Structural Engineering
- T6-2 Information Technology and Construction

T7: Environmental Management and Impact

- T7-1 Environmental Technology in Structural Engineering

T8: Sustainability, Life-Cycle Design, Maintenance and Renovation

- T8-1 Maintenance and Renovation
- T8-2 Long Life Structure and Durability Design
- T8-3 Reform and Retrofit
- T8-4 Seismic Retrofit of Bridges in Moderate Seismicity Regions
- T8-5 Control System for Bridges
- T8-6 Life Cycle Cost Evaluation for Bridge Design
- T8-7 Maintenance and Renovation of Bridge Decks
- T8-8 Innovative Seismic Retrofit Measures

T9: Inspection and Testing

- T9-1 Development in Inspection and Testing
- T9-2 Quality of Cast-in-situ Concrete

T10: Others

- T10 Others

Call for Papers

Those interested in presenting papers at the Congress should refer to the following guideline.

Submission of Abstracts **Deadline: Friday, December 21, 2001***

Those who wish to submit a paper are requested to first prepare an abstract.

Please indicate a first and second preference (if any) for the session in the attached abstract application form.

See pages 6 and 7. (Session themes are subject to change.)

Abstracts will be reviewed by the Program Committee members and the applicants will be directly notified of the results by **Thursday, February 28, 2002.**

*The deadline has been changed from the "1st Call for Sessions and Papers"

Submission of Full Paper **Deadline: Friday, June 28, 2002**

The selected presenters will receive instructions for preparing the Full Paper in the notification (maximum number of pages: 8). **Those presenting papers at the Congress are requested to send the Registration Form to the SEWC2002 Registration Desk by Friday, May 31, 2002 with the full remittance for registration fees or a deposit (¥25,000).**

Guideline for Abstract Submission

Abstracts are to be submitted based on the following guideline:

- Online Submission (Recommended)** Please follow the instructions provided at: <http://sewc2002.gr.jp>
Online submission of the basic abstract (not including any tables, photos or diagrams) is available via our web site.
Abstracts that include tables, photos or diagrams will need to be uploaded using a pdf file.
Revisions to your abstract can be made via our web site until the June 28, 2002 deadline for the full paper submission.

Submission by Regular Mail

Those who wish to contribute a paper by regular mail can send their abstract to the SEWC2002 Office. Submissions by fax, however, are not accepted. The abstract should be saved on a 3.5" disk in Microsoft Word (Mac or PC) or text format.
Other formats are not acceptable.
Please send **one original and three copies of the abstract, the Abstract Application Form and the 3.5" disk** to following address:

Congress Secretariat:

SEWC2002 Office
Sai Tower 4F, 19, Kanda-Matsunaga-cho
Chiyoda-ku, Tokyo 101-0023, Japan
Phone: +81-3-3255-7358
Fax: +81-3-3255-7377
e-mail: sewc2002@gp.knt.co.jp

Instructions for Preparing Abstracts

1. The abstract must be printed or typed in English and be no longer than one page (A4) including table(s), photo(s) or diagram(s).
2. Single line-spacing and 10.5 point letter size of Times New Roman or a similar font should be used.
3. The abstract must be typed on an A4 sheet of paper with a 4cm top margin and 2.5cm bottom, right and left margins.
The valid size for typing the abstract is 23cm in height × 16cm in width.
4. The title of the paper should be typed all in capital letters using bold type. The name of the author(s) and affiliation(s), as well as the city, zip code, and country should be typed under the title.
5. Please refer to the attached sample abstract. The abstracts will be printed as submitted.

General Information

Date Wednesday, October 9 – Saturday, October 12, 2002

Venue Pacifico Yokohama
1-1-2 Minatomirai, Nishi-ku, Yokohama, Kanagawa 220-0012, Japan
Tel: +81-45-221-2121 Fax: +81-45-221-2136 <http://www.pacifico.co.jp>

Official Language The official language of the Congress is English.

Important Address

SEWC2002 Registration Desk
c/o Events & Conventions, Tokyo
Kinki Nippon Tourist Co., Ltd. (KNT)
Kyodo Bldg. 6F, 2-2, Kanda-Jimbocho
Chiyoda-ku, Tokyo, 101-0051 Japan
Phone: +81-3-3263-5581 FAX: +81-3-3263-5961
e-mail: sewc@knt-tokyo.gr.jp

Important Dates

Friday, December 21, 2001	Deadline for Abstract Submission
Thursday, February 28, 2002	Authors Notified
Friday, May 31, 2002	Deadline for Speaker Registration
Friday, June 28, 2002	Deadline for Full Paper Submission
	Deadline for Early Registration (only for Non-Speaker Full Registration)
Friday, September 6, 2002	Deadline for Hotel and Tour Reservation (Technical, Cultural & Post-Conference)
	Deadline for Payment of Registration Fees (only for Speaker Full Registration)

Proceedings

Proceedings on CD-Rom with the Abstracts will be available at the venue.

Fee: ¥10,000 * Included in the Speakers Registration (Full and Daily) and Non-speaker Full Registration fees.

Registration

Participants are requested to fill out the enclosed Registration Form and return it together with the remittance or credit card information to the SEWC2002 Registration Desk, Kinki Nippon Tourist Co., Ltd. (KNT), the official travel agency for the Congress. KNT will also handle travel arrangements including hotel reservations. Inquires and applications in this regard should be addressed to the SEWC2002 Registration Desk.

Online registration begins November, 2001 in our web site: <http://sewc2002.gr.jp>

Note: Each participant must file a separate application.

Registration Fees

	On or Before June 28, 2002	After June 29, 2002
Speaker Full Registration ^{1) 3)}	¥50,000 (Deposit: ¥25,000)	
Non-Speaker Full Registration ¹⁾	¥55,000	¥60,000
Speaker Daily Registration ^{2) 3)}	¥25,000	
Non-Speaker Daily Registration ⁴⁾	¥20,000	
Non-Speaker Student Daily Registration ⁵⁾	¥5,000	
Spouse Registration	Free of charge	

- 1) The Full Registration Fee includes the Congress Kit, Proceeding on CD-Rom with Abstracts, and admission to the Keynote Addresses, Sessions, Icebreaker Reception and Exhibition.
- 2) The Speaker Daily Registration Fee covers the one-day participation in the Congress and includes the Congress Kit and Proceedings on CD-Rom with Abstracts (CD-Rom with Abstracts is valued at ¥10,000).
- 3) **Speakers are requested to send the Registration Form by Friday, May 31, 2002 with the remittance for registration fees or the deposit (¥25,000). If only a deposit is sent along with the registration, please be sure to settle the remaining registration fee balance by Friday, September 6, 2002.**
- 4) The Non-Speaker Daily Registration Fee covers the one-day participation in the Congress (does not include the Congress Kit and Proceedings on CD-Rom with Abstracts).
- 5) Students should include a copy of their student identification along with their registration form. In the case of an on-site registration, students should be ready to present their student identification at the registration counter. The registration fee covers the one-day participation in Congress.

Accommodations

KNT has reserved rooms at hotels around the Congress site. In order to make a room reservation, please forward the Registration Form directly to the SEWC2002 Registration Desk by **Friday, September 6, 2002**. Reservation should be accompanied with the remittance to cover the hotel deposit. Reservations cannot be confirmed without this remittance. Hotel reservations are processed on a first-come-first-served basis. If your selected hotel is fully booked, you will be assigned a room in a hotel as close as possible to your original choice. You will be informed of your hotel name and the exact room charge by a confirmation slip. (As of Oct. 2001. May be subject to change.)

Rank	Code	Hotel Name	Room Charge		Deposit	
A	A1	Yokohama Royal Park Hotel	Single Use	¥18,700	Twin Use ¥28,600	¥25,000 ³⁾
	A2	Yokohama Grand Inter-Continental Hotel	Single Use	¥19,800	Twin Use ¥24,200	
	A3	Pan Pacific Hotel Yokohama	Single Use	¥19,800	Twin Use ¥22,000	
B	B4	Breezbay Hotel	Single	¥9,500	Twin ¥14,000	¥10,000 ³⁾
	B5	Yokohama Sakuragicho Washington Hotel	Single	¥9,000		
	B6	Navios Yokohama	Single	W/D ¥10,000 W/E ¥11,000		
C	C7	SAN-AI Yokohama Hotel	Single	¥7,500		
	C8	Chatlet-Inn Yokohama	Single	¥7,400		
	C9	New Otani Inn Yokohama	Single	¥7,000		

- 1) The above rates include a 10% service charge, but do not include consumption tax (5%) and breakfast.
- 2) The hotel deposit will be deducted from your bill. Please settle the balance when you check out.
- 3) **Those who are staying for one night only should send the deposit for the one night room charge.**
- 4) W/D is the rate for Sunday to Thursday; W/E is the rate for Friday, Saturday and October 13.

Payments

<Payment>

Payment must be made in **Japanese yen** by one of the following methods.

- 1) Credit Card (VISA, Master Card, American Express, Diners Club, or JCB)
Please fill out the credit card section on the registration form with the necessary information and your signature.
- 2) Bank Transfer to
The Bank of Tokyo Mitsubishi, Jimbocho Branch 東京三菱銀行 神保町支店
Account No.: 1340039 普通口座: 1340039
Account Name: SEWC 2002 口座名: SEWC 2002 (エスイーダブリュシー2002)

***Please attach a copy of the bank receipt to your registration form.**

*Please note that the bank charge for remittance must be born by the participant.

<Confirmation>

SEWC2002 Registration Desk will send you a confirmation slip after receiving your registration form and remittance. **Please be sure to bring this confirmation slip and the original bank receipt with you when registering upon arrival at the Congress venue, or when you check-in at the hotel.**

Registrations received on or after **Tuesday, October 1, 2002** will be processed as an on-site registration at the venue.

<Cancellation>

*Registration

In order to cancel your registration, a written notification should be sent to the SEWC2002 Registration Desk to avoid any problems. No refunds are available for any registrants at any time. The Congress Kit and Proceedings on CD-Rom with Abstracts will be sent after the Congress only to those who cancelled the Speaker Full Registration, Speaker Daily Registration or Non-Speaker Full Registration.

*Hotel Accommodations and Tours

In order to change or cancel hotel and tour reservations, a written notification should be sent directly to the SEWC2002 Registration Desk to avoid problems. Cancellation charges are as shown below.

Date	Charge
Up to 14 days prior to event/check-in date	No charge
13-7 days prior to event/check-in date	10% of charge
6-3 days prior to event/check-in date	40% of charge
Less than 3 days or no notice given	100% of charge

Refunds will be made after deducting the bank and/or credit card service charges, and the cancellation penalties. If the payment is made by credit card, reimbursement will be made through the credit card company.

If the tour is cancelled due to an insufficient number of participants, the fare will be refunded at the venue.

*SEWC Party

Fee for the SEWC party is not refundable at anytime.

Congress Venue

Pacifico Yokohama was opened in July 1991 as the core project of Minato Mirai 21, Yokohama's urban redevelopment plan. The complex is one of the largest international convention centers in the world. Pacifico Yokohama includes a Conference Center, Exhibition Hall, Yokohama Grand Inter-Continental Hotel and the National Convention Hall. Pacifico Yokohama's unique design integrates all of these facilities in one location. To meet the various needs of its users as the twenty-first century, Pacifico Yokohama offers state-of-art facilities and is open 24 hours a day, 365 days a year.

Outline of Yokohama

The tiny fishing village of Yokohama leapt to international prominence with the opening of its port in 1859, an event which ended 250 years of Japanese Isolation. As it grew, Yokohama was shaped by diverse cultural influences. Japan's principal port and home to a large population of foreign residents, it served as the gateway through which foreign products and new ideas entered the country. Yokohama boasts Japan's first brewery, railroad, newspaper, electric light and public phones, to name but a few.

Now Japan's second largest city, Yokohama is planning a future that will bolster its long tradition of international exchange. The MM21 (Minato Mirai 21:standing for port for the 21 century) area will provide a new city locus, where people can live, work, and exchange ideas with the world.

Passport and Visas

Every person entering Japan must have a valid passport. In addition, persons coming from certain countries must have a visa issued by a Japanese consul in their country. Please be aware that in some cases, it takes more than one month to obtain a visa. For details, please inquire at your nearest Japanese Embassy or Consulate.

Useful web site: http://www.mofa.go.jp/j_info/visit/visa/index.html

Letter of Invitation

To facilitate the visa application, the Congress Secretariat will be ready to issue an official letter of invitation upon request. This invitation, however, does not imply any commitment to the payment of the expenses involved in attending the Congress. If you need a letter, please contact the Congress Secretariat.

Currency Exchange

Only the Japanese yen is acceptable at stores and restaurants in Japan. You can exchange money at the airport, foreign exchange banks and other authorized currency exchanges upon presentation of your passport. We encourage you to exchange your money into Japanese yen at the airport upon arrival. The exchange rate will vary.

Credit Cards and Traveler's Checks

Visa, Master Card, American Express and Diners Club and JCB are widely accepted at hotels, department stores, shops and restaurants. Only major banks and hotels in principal cities can accept traveler's checks, and their use in Japan is not as common as in some other countries.

Banking

Most banks are available for foreign currency exchange transactions from 9:00 to 15:00 on weekdays.

Tipping

There is no custom of tipping in Japan. Instead, at places such as restaurants, bars and hotels, a 10% service charge is usually added to your bill.

Insurance

Participants are advised to provide their own travel insurance as the Organizing Committee will assume no responsibility on behalf of participants for personal accidents, sickness, thefts or property damage.

Climate

Weather in October is usually chilly in Tokyo/Yokohama. The average temperature is about 18°C in the day and 10°C at night. Participants are advised to bring warm clothing for night.

Electrical Appliance

Japan operates on 100 volts for electrical appliances. The frequency is 50Hz in eastern Japan.

Tax

A consumption tax of 5% is normally charged for goods and services in Japan.

Useful web sites for the travel in Japan

Japan National Tourist Organization: <http://www.jnto.go.jp/>

Yokohama Convention & Visitors Bureau: <http://www.city.yokohama.jp/me/ycvb/english.index.html>

Tokyo Narita Airport: http://www.narita-airport.or.jp/airport_e/index.html

Kansai International Airport: <http://www.kansai-airport.or.jp/index-e.html>

Highlights & Tours

Exhibition

Thursday, October 10 through Saturday, October 12

Exhibition, open to Congress Participants and General Public, will be held at the Congress site.
The Exhibition themes are as follows:

SAFE AND RELIABLE STRUCTURE

New Construction Technology to Support Environment and Disaster Prevention

1. **Environment Preservation in Structural Engineering**
Structural engineering and construction techniques to provide positive solutions for environmental problems.
Advanced technology to create long-life structures.
2. **Structural Engineering for Amenity in Urban Life**
Advanced engineering to create beautiful structures and to provide comfortable urban life for the society.
3. **Structural Engineering to Support Safe Society**
Disaster prevention in structures/cities. Performance indication of houses. Technology to safeguard M&E system and furniture against seismic actions.

We cordially invite your exhibition at the Congress. For exhibit information, please contact SEWC2002 Office.

Events

E-1 Icebreaker Reception **Wednesday, October 9 18:00 – 19:30**

Fare: Free of charge

Take this opportunity to mingle with friends and meet new colleagues from across the globe.

E-2 SEWC Party (Buffet) **Friday, October 11 18:30 – 20:30**

Fare: ¥8,000 per person

Join us for the SEWC Party. Bring your spouse/companion for a gracious evening. Coats and ties suggested.

Technical Tours

Minimum number of participants of each tour required: 25 persons

Day 1: Wednesday, October 9, 2002

TT-1 One Day Tour to National Research Institutes in Tsukuba **10:30 – 18:30**

Fare: ¥7,000

Public Works Research Institute and Building Research Institute

TT-2 Half Day Tour around Tokyo Bay **12:30 – 18:30**

Fare: ¥4,500

Aqua-line (under-sea tunnel), Marine Firefly Manmade Island, Takenaka Technical Research and Development Institute, Bay Bridge

TT-3 Half Day Tour for High-rise Buildings (Steel) **13:00 – 18:00**

Fare: ¥4,500

High-rise Steel Structure Buildings under Construction in Tokyo

TT-4 Half Day Tour for Subway Tunnel **13:00 – 18:00**

Fare: ¥4,500

Underground Tunnel under Construction in Tokyo

Day 2: Thursday, October 10, 2002

TT-5 Half Day Tour for Underground Freeway Tunnel

13:00 – 18:00

Fare: ¥4,500

Underground Freeway Tunnel under Construction in Tokyo

TT-6 Half Day Tour for Long-span Space Structures

13:00 – 18:00

Fare: ¥4,500

Stadiums in Yokohama and Tokyo Area with Steel Structure Roofs

TT-7 Half Day Tour for High-rise Buildings

13:00 – 18:00

Fare: ¥4,500

High-rise Reinforced Concrete or Steel Structure Buildings under Construction in Tokyo Area

TT-8 Two-hours Tour for Site Visit of MM-Towers (By walk)

AM / PM

Fare: Free of charge

Reinforced Concrete Structure High-rise Condominiums with Structural Isolation System

TT-9 Two-hours Tour for Site Visit of Yokohama Ferry Terminal (By walk)

AM / PM

Fare: Free of charge

Unique Steel Structure Terminal Building under Construction at Port of Yokohama

Day 3: Friday, October 11, 2002

TT-10 One Day Tour for No.2 Tomei Highway in Shizuoka

10:30 – 18:00

Fare: ¥7,000

Highway Steel Structure Bridges under Construction

TT-11 Half Day Tour for Seismic Isolation Buildings

13:00 – 18:00

Fare: ¥4,500

Bridgestone Yokohama Factory and High-rise Condominium with Seismic Isolation System

TT-12 Two-hours Tour for Land Mark Tower (By walk)

AM / PM

Fare: Free of charge

The Highest Steel Structure Building in Japan with Active Structural Control System



TT-2



TT-6



TT-7



TT-8



TT-10



TT-12

Cultural Tours

Tour fare is as of October 2001 and subject to change.
All tours will be conducted in English.

CT-1 Kamakura 1 Day Tour **Wednesday, October 9 09:00 – around 18:00**

Fare: Lunch Included:¥11,000 / Without Lunch:¥9,000

Minimum number of participants required: 1 person

Kamakura was once the seat of a feudal government set up in 1192 as the first of its kind in Japan. It is now noted for its historic sites, and has many renowned temples and shines as well preserved historical treasures amid beautiful hills or rustic settings.

Assembly Site: Yokohama Bay Sheraton Hotel → The Great Buddha → Hase Kannon Temple → Lunch →
→ Tsurugaoka Hachimangu Shrine → Komachi Shopping Street → Assembly Site: Yokohama Station

CT-2 Experience Japanese Culture **Thursday, October 10 07:00 – around 12:30**

Fare: ¥9,300

Minimum number of participants required: 5 persons

Enjoy Japanese calligraphy and tea ceremony in Kumon, Nihonbashi, and visit the Edo Tokyo Museum which houses original and replicated exhibits that illustrate the history and culture of Tokyo.

Assembly Site: Hamamatsucho Bus Terminal → Kumon → Edo Tokyo Museum
*Tour disbands on arrival at Edo Tokyo Museum

CT-3 Kabuki Night **Thursday, October 10 16:30 – around 22:30**

Fare: ¥12,300 (Dinner Included)

Minimum number of participants required: 5 persons

Kabuki is Japanese most celebrated traditional stage drama performed to the accompaniment of songs and music. Kabuki is played at the Kabukiza theater, near Ginza, Tokyo.

Assembly Site: Hamamatsucho Bus Terminal → Sukiyaki Dinner → Kabukiza Theater → Assembly Site: Hamamatsucho Bus Terminal

CT-4 Tokyo Afternoon Tour **Friday, October 11 12:30 – around 18:30**

Fare: ¥7,500

Minimum number of participants required: 10 persons

Assembly Site: Hamamatsucho Bus Terminal → Imperial Palace Plaza → Ginza Shopping District →
→ Asakusa Kannon Temple & Nakamise Shopping St. → Sumida River Cruise → Panoramic View of Tokyo from "Seaside Top"
*Tour disbands on arrival at "Seaside Top"

Post-Conference Tour

PT-1 Kyoto 2 Days **Saturday, October 12 to Sunday, October 13**

Fare: ¥40,000 (Single Use Per Person) ¥36,000 (Twin Use Per Person)

Minimum number of participants required: 1 person

Above fare includes JR Train fare (Shin-Yokohama/Kyoto/Shin-Osaka), One night accommodation fee (single), Breakfast, Kyoto Sunrise Half Day Tour.

Saturday, October 12

Shin-Yokohama Sta. → Kyoto Sta. → Hotel

Sunday, October 13

Hotel → Nijo Castle → Kinkakuji Temple → Higashi Honganji Temple → Kyoto Handicraft Center →
→ Hotel → Kyoto Sta. → Shin-Osaka Sta.

For fib participants, accommodation arrangement will be available upon request.

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