

# IOHA 2008

The International Occupational Hygiene Association  
7<sup>th</sup> International Scientific Conference  
Occupational Hygiene In High-Tech Industry

## Final Announcement

February 18-22, 2008 · Taipei International Convention Center, Taiwan



[www.ioha2008.org](http://www.ioha2008.org)

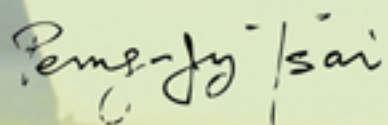
## A warm welcome to all participants

On behalf of the International Occupational Hygiene Association 7<sup>th</sup> International Scientific Conference (IOHA2008) Organizing Committee, we cordially invite you to attend our upcoming IOHA2008. The conference will be held on February 18-22, 2008 at Taipei International Convention Center in Taipei, Taiwan.

The main theme of the conference will be "*Occupational Hygiene in High Tech Industry*". The conference invites presentations in the occupational hygiene field. We also arranged the Professional Development Courses (February 16-17, 2008), which provide opportunities for expertise from all of the world to enhance your skills in aspects of knowledge and practice. There will be social gatherings and events, as well as scientific sessions, keynote addresses and mini-symposiums for special interest groups.

For more details, please visit our official website at <http://www.ioha2008.org> to find more exciting and updated information about the conference. Your participation and support are highly appreciated. We look forward to seeing you in Taipei, Taiwan.

Best regards,



Perng-Jy (PJ) Tsai, Ph. D.  
Co-Chair of IOHA2008  
Organizing Committee of IOHA2008



Chih-Chieh Chen, Ph.D.  
Co-Chair of IOHA2008  
Organizing Committee of IOHA2008

## Conference Information

The International Occupational Hygiene Association 7th International Scientific Conference (IOHA 2008) will be held on February 18-22, 2008. This is one of the largest conferences that brings occupational hygiene practitioners together from many countries and domains, including Biological monitoring, Chemical agents, Environment issues, Environment managements and so on. Junior researchers are particularly encouraged to participate.

### News

October 1, 2007      Call for late breaking poster (*Still open for submission*)  
December 31, 2007      PDCs enrollment deadline

### Abstract Topics

- Exposure Assessment
- Exposure Control Technologies
- Biological Hazards
- Ergonomic Hazards
- Stress, Mental Health, and Health Promotion
- Occupational Epidemiology and Toxicology
- General Occupational Safety and Health
- Occupational Health and Safety Management
- Special Issues on Occupational Safety and Health

### Conference Dates

Professional Development Courses (PDCs)      February 16-17, 2008  
7<sup>th</sup> International Scientific Conference      February 18-22, 2008

### Exhibition

IOHA2008 also offers an array of exhibition booths to encourage companies and consultants to display and market their latest personal protective equipment, training courses, laboratory equipments, supplies, publications, other products, and professional services. Through these exhibits, visitors and professionals from different countries can keep themselves up-to-date and in line with the latest development in Occupational Hygiene.

### Conference Website

<http://www.ioha2008.org>

### Conference Venue

Taipei International Convention Center  
No.1, Sec. 5, Hsin-Yi Rd., Taipei, Taiwan 110  
Tel: +886-2-2725-5200 ext. 3517 or 3518  
Fax: +886-2-2723-2590  
Website: <http://www.ticc.com.tw>  
E-mail: [ticc@taitra.org.tw](mailto:ticc@taitra.org.tw)



# IOHA2008 Scientific Program (Tentative)

Date	18 Feb. Monday	19 Feb. Tuesday	20 Feb. Wednesday	21 Feb. Thursday	22 Feb. Friday
Room	Room A	Room A	Room A	Room A	1F
Time	1F	1F	1F	1F	1F
09:00-09:50	Opening Ceremony	KN-2 (David Caple)	KN-4 (Thomas Smith)	KN-6 (Tom Grumbles)	Exhibition  Technical Visit (Optional; China Steel) & Post Conference Tours
09:50-10:40	KN-1 (Kurt Leichnitz)	KN-3 (Jorma Rantanen)	KN-5 (Shuh Woei Yu)	KN-7 (Seong-Kyu Kang)	
10:40-11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
11:00-11:15	Room A	Room A	Room A	Room A	
11:15-11:30	Room B	Room B	Room B	Room B	
11:30-11:45	Room C	Room C	Room C	Room C	
11:45-12:00	P1-01	P8-01	P15-01	P18-01	
12:00-12:15	P2-01	P9-01	P16-01	P19-01	
12:15-13:00	P3-01	P10-01	P17-01	P20-01	
13:00-13:30	P2-02	P9-02	P16-02	P19-02	
13:30-13:45	P1-02	P8-02	P15-02	P18-02	
13:45-14:00	P3-02	P10-02	P17-02	P20-02	
14:00-14:15	P1-03	P9-03	P16-03	P19-03	
14:15-14:30	P2-03	P10-03	P17-03	P20-03	
14:30-14:45	P1-04	P9-04	P16-04	P19-04	
14:45-15:00	P2-04	P10-04	P17-04	P20-04	
15:00-15:30	P1-05	P9-05	P16-05	P19-05	
15:30-15:45	P2-05	P10-05	P17-05	P20-05	
15:45-16:00	Lunch	Luncheon	Lunch	Lunch	
16:00-16:15	P4-01	P11-01	Culture Tour (National Palace Museum and Taipei 101)	M5	
16:15-16:30	P5-01	P12-01			
16:30-16:45	P4-02	P11-02			
16:45-17:00	P5-02	P12-02			
17:00-18:00	P4-03	P11-03			
18:30-21:30	P5-03	P12-03			
	P4-04	P11-04			
	P5-04	P12-04			
	P4-05	P11-05			
	P5-05	P12-05			
	P4-06	P11-06			
	P5-06	P12-06			
	Coffee Break	Coffee Break		Coffee Break	
	P6-01	P13-01		KN8 (Jung-Der Wang)	
	P7-01	P14-01		Ceremony Remark	
	P6-02	P13-02			
	P7-02	P14-02			
	P6-03	P13-03			
	P7-03	P14-03			
	P6-04	P13-04			
	P7-04	P14-04			
	P6-05	P13-05			
	P7-05	P14-05			
	P6-06	P13-06			
	P7-06	P14-06			
	Poster Section I	Poster Section II			
	Welcome Banquet (at 5F, Taipei 101 Building)	Optional Conference Tour (Pin-shi sky lantern Tour)		18:00-20:00 Farewell Party (at 3F, TICC)	

## Parallel Sessions

There are 120 oral presentations selected from submitted abstracts. A list of 22 lecture sessions is given below. The session creates the forum for knowledge exchange and dialogue on a broad range of topics in four-day sessions.

- P1-Exposure Assessment I
- P2-Sampling and Monitoring Techniques
- P3-Shift work, Safety, and Fall Protection
- P4-Exposure Assessment II
- P5-Aerosols
- P6-Biological Monitoring
- P7-Biosafety and Healthcare Workers
- P8-Nanoparticles and Indoor Air Quality
- P9-Lead and Nickel
- P10-Noise
- P11-Metalworking Fluids, Dermal Exposure, and Gloves
- P12-Fire and Explosion
- P13-Exposure Control Techniques and PIMEX
- P14-Ergonomics and Human Factors
- P15-Occupational Safety and Health Management System
- P16-Chemical Management
- P17-Control Banding and Control Toolkit
- P18-Occupational Safety and Health Practice
- P19-National Program and System
- P20-Welding and Heat
- P21-Asbestos and Silica
- P22-Occupational Epidemiology and Toxicology

## Topic of Mini-symposium

- M1-Indoor Air Quality
- M2-Exposure Assessment
- M3-Social Concerns
- M4-International Training Modules for Occupational Hygiene
- M5-NAR Accreditation Recognition: Issues with International Application of Model Program Criteria

# Keynote Speakers

## Keynote 1



**Kurt Leichnetz**

*Consultant on occupational hygiene, Germany*

09:50-10:40, February 18

Occupational Hygiene and Cost Benefit

## Keynote 2



**David C Caple**

*President, International Ergonomics Association, Melbourne Australia*

09:00-09:50, February 19

Ergonomic Initiatives at an International Level

## Keynote 3



**Jorma Rantanen**

*Professor, ICOH, Finland*

09:50-10:40, February 19

How to Fill the Gaps in Occupational Health? - A Global Movement for Developing Basic Occupational Health Services for Workers of the World

## Keynote 4



**Thomas Smith**

*Professor of Industrial Hygiene, Harvard University, USA*

09:00-09:50, February 20

A New Approach for Making Exposure-Dose Metrics for Health Studies

## Keynote 5



**Shuh Woei Yu**

*Professor, Graduate Institute of Environmental Engineering, National Central University, Taiwan*

09:50-10:40, February 20

National Policy and Strategy on Occupational Health and Safety Management

## Keynote 6



**Thomas G. Grumbles**

*CIH, Sasol North America, Houston, Texas, USA*

09:00-09:50, February 21

Professional Recognition and the Role of Individual Accreditation in Achieving This Goal

## Keynote 7



**Seong-Kyu Kang**

*Director, Occupational Health Director of KOSHA, Korea*

09:50-10:40, February 21

A New Strategy on Managing Chemical Substances in Korea

## Keynote 8



**Jung-Der Wang**

*Distinguished Professor, National Taiwan University, Taiwan*

15:30-16:00, February 21

Integration of Quality of Life and Survival for Comparative Health Risk/Outcome Assessment in Health Settings

## Luncheon Speaker



**David Parker**

*Physician in Occupational Medicine, Minneapolis, USA*

12:30-13:30, February 19

The World of Child Labor

## Professional Development Courses at a Glance (tentative)

Code	Date	Time	Hrs	Course	Instructors
PDC01	Feb.16 (Sat.)	Full Day	8	Biological Monitoring: A "How To" Guide and Case Studies	Gary J. Spies Larry Lowry
PDC02	Feb.16 (Sat.)	Full Day	8	Particles and Health: Environmental Forensic Analysis	Ernest R. Crutcher
PDC03	Feb.16-17 (Sat.-Sun.)	1 1/2 Day	12	Practical Tools for Modeling of Occupational Exposure	Gurumurthy Ramachandran
PDC04	Feb.16 (Sat.)	Morning	4	Overview of Laboratory Biosecurity Principles	Jennifer Gaudio
PDC05	Feb.16 (Sat.)	Afternoon	4	Effective Training Strategies for Staff Working in High-Containment Laboratories	Sean G. Kaufman
PDC06	Feb.17 (Sun.)	Full Day	8	Professional Judgment and The Use of Bayesian Statistics	Paul Hewett
PDC07	Feb.17 (Sun.)	Morning	4	SEMI Safety Guidelines applicable for Occupational Hygiene and Safety Management in Semiconductor and Related Industries	Supika Mashiro
PDC08	Feb.17 (Sun.)	Morning	4	Respiratory Protection--The Basics	Lisa Brosseau
PDC09	Feb.17 (Sun.)	Morning	4	Laboratory Incident Investigation and Risk Management Techniques	K. Patrick McKinney
PDC10	Feb.17 (Sun.)	Morning	4	Confined Space: Assessment, Entry and Rescue	Jay Jamali
PDC11	Feb.17 (Sun.)	Afternoon	4	Special Issues in Respiratory Protection	Lisa Brosseau
PDC12	Feb.17 (Sun.)	Afternoon	4	Laser Safety Officer Responsibilities	Jay Jamali
PDC13	Feb.17 (Sun.)	Afternoon	4	Biohazard Risk Assessment	Karen Byers
PDC14	Feb.17 (Sun.)	Afternoon	4	Emergency Response in High-Containment Laboratories	Sean G. Kaufman
PDC15	Feb.16 (Sat.)	Full Day	8	Portable Ventilation Systems: Principles and Practical Applications	Neil McManus
PDC16	Feb.17 (Sun.)	Full Day	8	Portable Ventilation Systems: Performance and Safe Operation	Neil McManus

### Notes

1. PDCs enrollment deadline: **December 31, 2007.**
2. All courses required no less than 20 people; if the require 20 people have have registered before deadline, we will inform you by a confirmation e-mail. If the courses cannot open, the registration fee will be refunded without any service charge.

## Registration Information

### Conference Registration Fees

Items	Pre-Registration Nov. 19, 2007 to Feb. 3, 2008	On-site After Feb. 4, 2008
Regular	NTD 20,000* { USD 600}	NTD 21,500 { USD 650}
Student**	NTD 9,000 { USD 280}	NTD 9,000 { USD 280}
Accompanying Person	NTD 3,500 { USD 105}	NTD 3,500 { USD 105}

#### Notes

\*Registration fee is based on the New Taiwan Dollar (NTD). The exchange rate is approximately NTD 33.3 to USD 1. For other currencies, please visit the Currency Converter at <http://www.xe.net/ucc> to check your currency vs. NTD.

\*\*Students are required to show their Student ID on-site, for those who cannot provide the appropriate ID, the difference between the Normal rate and the Student rate would have to be paid.

#### Registration Fee Includes

- Admission to all Sessions (excluding PDCs)
- A copy of Program & Abstract Book
- Conference Kit
- Welcome Banquet
- Culture Tour
- Lunches and Refreshments
- Access to the Exhibition

#### Accompanying Person Registration Fee Includes

- Welcome Banquet
- Culture Tour
- Access to the Exhibition

#### Professional Development Courses Fees

Course Hours	Fees
4 hours	NTD 6,000 { USD 180}
8 hours	NTD 10,000 { USD 300}
12 hours	NTD 14,000 { USD 420}
16 hours	NTD 18,000 { USD 540}

#### Official Receipt

An official receipt will be issued during the registration hours at the Conference. Should you have special requirements, please inform the Conference Secretariat in advance.



## Social Events

Delegates are cordially invited to join the social events during the Conference.

### Welcome Banquet

**Date:** February 18 (Mon.), 2008

**Time:** 18:30 – 20:30

**Venue:** 5F, Taipei 101 Building

**Dress Code:** Smart casual

**Remarks:**

- Open to invited speakers, committees and all registered delegates. Invitation will be required.
- This will give you an opportunity to meet new faces, renew old friendships and exchange greetings while enjoying plenty of delicious dishes and drinks as you mingle with the crowd.

### Complimentary Culture Tour (Taipei 101 and National Palace Museum)

**Date:** February 20 (Wed.), 2008

**Time:** 13:30-18:00

**Pickup:** 13:30 at the Lobby of Conference Venue

**Remarks:**

- Open to invited speakers, committees and all registered delegates.
- Please register online before **January 15, 2008**.
- All registered delegates are entitled to participate in this half-day city tour. For the better tour arrangement in advance, the number of visitors is limited and the reservation will be processed on a "first come, first serve" basis.

### Farewell Party

**Date:** February 21 (Thu.), 2008

**Time:** 18:00-20:00

**Venue:** 3F, TICC

**Dress Code:** Smart casual

**Fee:** NTD 1,000 / per person

**Remarks:**

- Open to invited speakers, committees and all registered delegates. Invitation will be required.
- Please register online before **January 15, 2008**, or the ticket (NTD 1,000 per person) can be purchased at the registration counter. This special dinner program will give you an insight into the culinary specialties of Chinese cuisine and delights of cultural performance.
- The organizing committee holds the rights to cancel the tour reservation if the registration for the Conference isn't completed with the payment.

## Accommodation

As participants of the IOHA2008, you will enjoy a special room rate at the hotels listed below. For more detailed information, please visit the conference website.

- ☆☆☆☆☆ GRAND HYATT TAIPEI
- ☆☆☆☆☆ HOWARD PLAZA HOTEL
- ☆☆☆☆☆ SHERATON TAIPEI
- ☆☆☆☆ SAN WANT HOTEL
- ☆☆☆☆ AGORA GARDEN
- ☆☆☆☆ PACIFIC BUSINESS CENTRE
- ☆☆☆ HOWARD INTERNATIONAL HOUSE
- ☆☆☆ LEADER HOTEL

Hotel Reservation Deadline: January 15, 2008

Reservations received after this date can only be made if rooms are available.

Map



## General Information

### Taipei, Taiwan

The capital of Taiwan is an exuberant, diverse city that blends traditional culture and cosmopolitan life. As the political, economic, educational, and recreational center of the country, Taipei offers an array of significant sights.



With the warm hospitality and the abundance of interesting and fun activities available in Taiwan, visitors are definitely to have an unforgettable experience in this remarkable country!

### Taipei's Landmark Beauty- Taipei 101

Taipei 101 is situated in the heart of Taipei's financial center. It soars 508 meters high and has 101 floors. Business, shopping, fine dining and recreation come together at the one of the world's tallest building . A union of traditional culture and cutting-edge design, Taipei 101 embodies the unique aesthetic of Taipei, where the old meets new.



### Lantern Festival

Lantern Festival is a Chinese festival celebrated on the fifteenth day of the first month in the lunar year. Last in a series of springtime celebrations, this "second New Year" is widely celebrated by families all around Taiwan.



On Lantern Festival, children go out at night carrying bright lanterns. Moreover, the night sky on Lantern Festival is also illuminated by the Tainan Yanshui Fireworks Display and Taipei Pinghsi Sky Lanterns - known together as "Fireworks in the South, Sky Lanterns in the North," as well as many other regional folk activities.

### Local Cuisine

Taiwan is a veritable paradise for the true gourmet boasting fine authentic cuisine from all the different regions of China. Take a leisurely walk through Shi-Lin night market and experience local cuisine just as it should be, fresh and full of flavor. Your choices are endless, but Ding Tai Feng (a renowned dish with small steamed dumplings) and Taipei roast duck are two popular choices.



## Visa Application

To ensure your visa application smoothly, a few things to be reminded of:

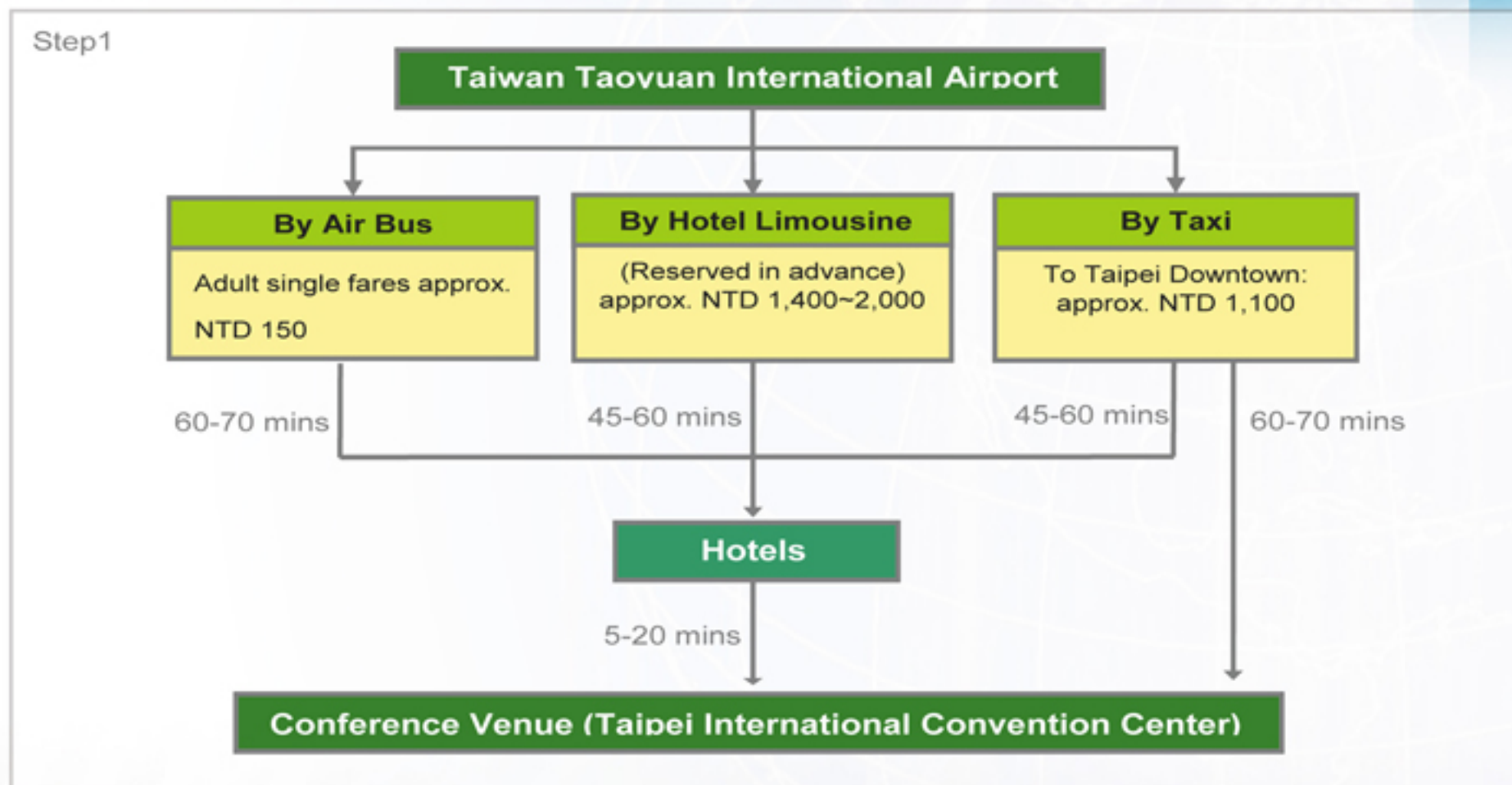
- You are applying a visa to **Taiwan (Republic of China)**. \*Please note **NOT** People's Republic of China.
- Nationals of 31 countries are NOT required to obtain visas for the 30-day duration of stay. Countries eligible for Visa-exempt entry are: Australia, Austria, Belgium, Brunei Darussalam, Canada, Costa Rica, Denmark, Finland, France, Germany, Greece, Ireland, Iceland, Italy, Japan, Republic of Korea, Liechtenstein, Luxembourg, Malaysia, Malta, Monaco, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, U.K. and U.S.A.
- For those countries do not have diplomatic relationships with Taiwan government, it is highly recommended that you check the procedures from the BOCA (Bureau of Consular Affairs) website of getting visa to Taiwan and make sure whether you need a formal invitation letter to get the visa.
- Secretariat Office will issue a letter of invitation upon request.
- For more detailed information about the visa application, please visit the BOCA (Bureau of Consular Affairs) at [www.boca.gov.tw/mp.asp](http://www.boca.gov.tw/mp.asp).

## Transportation

Taiwan is located at the crossroads of some of Asia's busiest air routes; travel to and from the island is easy and convenient. Taiwan Taoyuan International Airport (TIA) (formally known as CKS International Airport) in the north, which is located 40km to the southwest of Taipei. They are served by over 56 airlines from Asia, Europe, and North America. For information on Taiwan Taoyuan International Airport arrival and departure schedules, please visit the TIA website at <http://www.thsrc.com.tw/en/index.htm>



# Access to Conference Venue



## Notes

- Taxi is available at all times from the Taoyuan International Airport to Taipei City.
- **Where to buy bus tickets?** Ticket counters are located in the Arrival Passenger Reception Areas of both Terminals.

*Come today and see what accommodation packages await you.*

*We suggest you book early*

*to make sure you get exactly what your heart desires.*

**Register online now at [www.ioha2008.org](http://www.ioha2008.org)**



## Conference Organizers



International Occupational Hygiene Association (IOHA)



Taiwan Occupational Hygiene Association (TOHA)



Institute of Occupational Safety and Health (IOSH)

## Conference Secretariat

Round Table PCO

Contact person: Ms. Han Chiang

1 F, No. 20, Lane 16, Sec. 2, Zhongshan N. Rd., Zhongshan District, Taipei, Taiwan 10445

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