

IRMMW-THz 2018  
9-14 September, 2018  
Nagoya Congress Center,  
Nagoya, JAPAN



# Venue: Nagoya Congress Center

(Capacity for more than **700** participants)

Nagoya City: 2.3 Mil. population (4<sup>th</sup> largest in Japan)



# Meeting Room Facilities

**Purpose of the space, Number of Seats (Location and name of the room)**

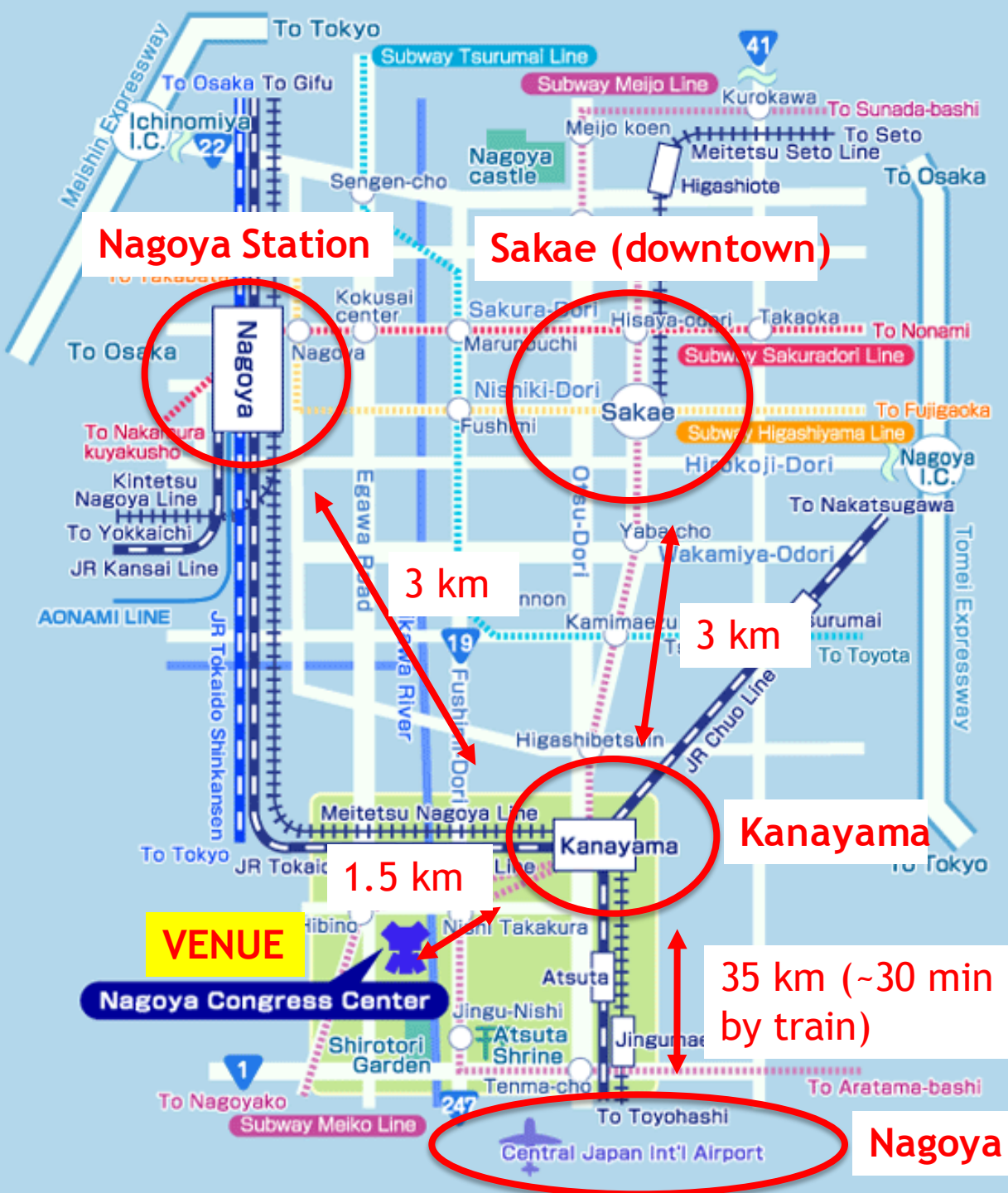
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Plenary Session	1,280	(Bldg No.4, 1F, Shirotori hall)
Session room 1	360	(Bldg No.1 , 4F, 141+142)
Session room 2	162	(Bldg No.1 , 3F, 131+132)
Session room 3	162	(Bldg No.1 , 3F, 133+134)
Session room 4	126	(Bldg No.4 , 3F, 431 )
Session room 5	196	(Bldg No.4 , 3F, 432 )
Posters and Exhibition	823	(Bldg No.1 , 1F, Event hall)

(Plan A2-1)



**Shirotori (White Swan)  
Hall**



The venue locates near the city center

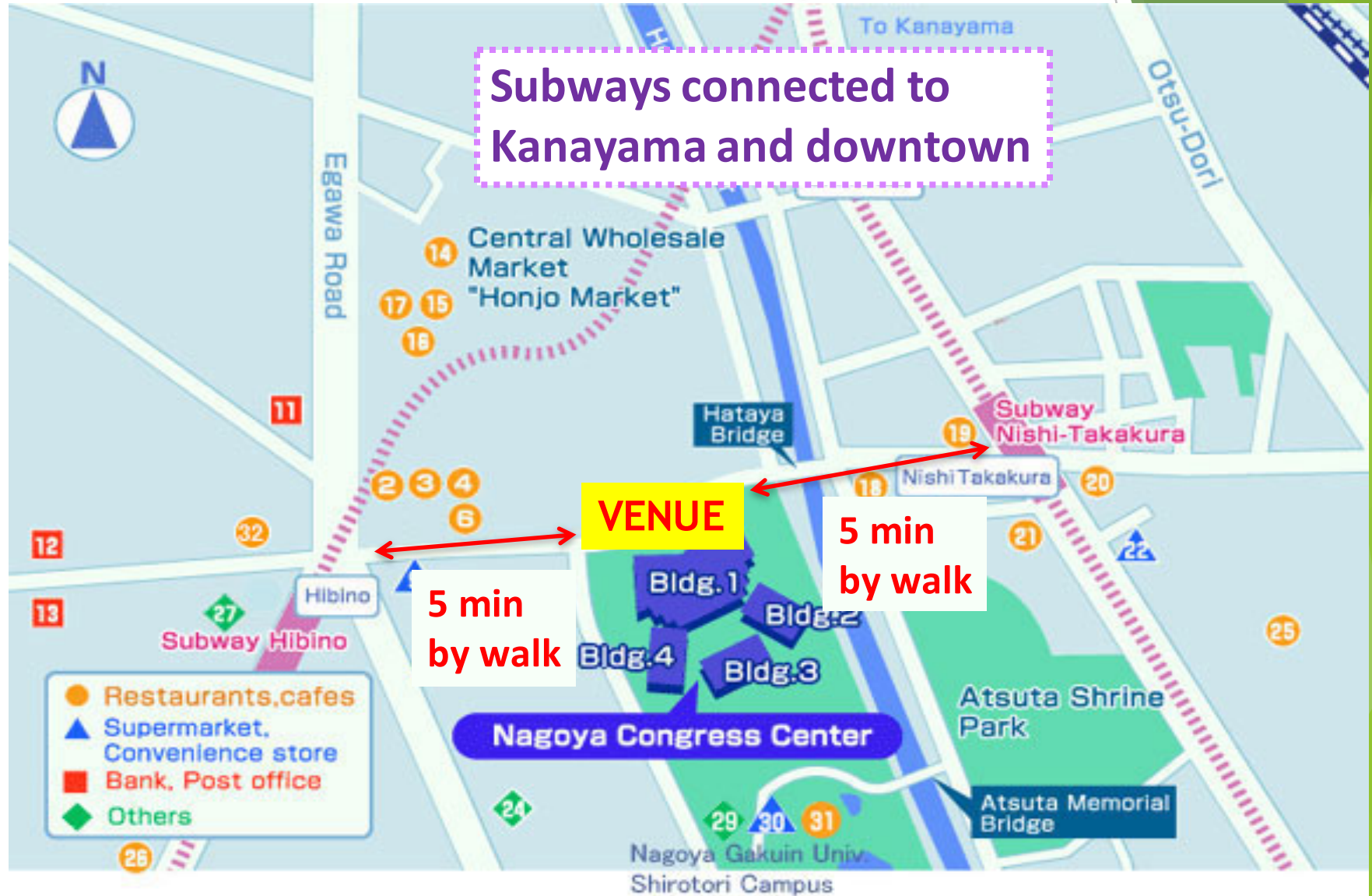
5 km from Nagoya station & downtown

120 hotels in the city  
15 around Kanayama (near the venue)

Nagoya Chubu Centrair Int'l Airport

# Area map around the venue

↑ To Kanayama



# Access: Direct Flights to Nagoya

- ▶ Nagoya Chubu Centrair Int'l Airport
- ▶ **> 40 int'l direct flights/day** from abroad
- ▶ Europe
  - ▶ Helsinki (daily, Finnair, One World)
  - ▶ Frankfurt (3 /week, Lufthanza, Star Alliance)
- ▶ North America
  - ▶ Detroit (5 /week, Delta, Sky team)
  - ▶ Vancouver (4 /week, Air Canada, Star Alliance)
- ▶ Asia
  - ▶ Shanghai (9-10 /day), Beijing (3 /day), Chengdu, Guangzhou, Lanzhou, Qingdao, Tenjin, Wuhan, Xian, Xiamen (daily), etc
  - ▶ Hong Kong (6 /day)
  - ▶ Seoul (6 /day), Busan (daily)
  - ▶ Taipei (5-6 /day), Bangkok (2 /day), Singapore (daily)
  - ▶ Abu Dhabi (daily)

# International Flights to Narita airport

Tokyo **Narita** Airport (**100** oversea cities)

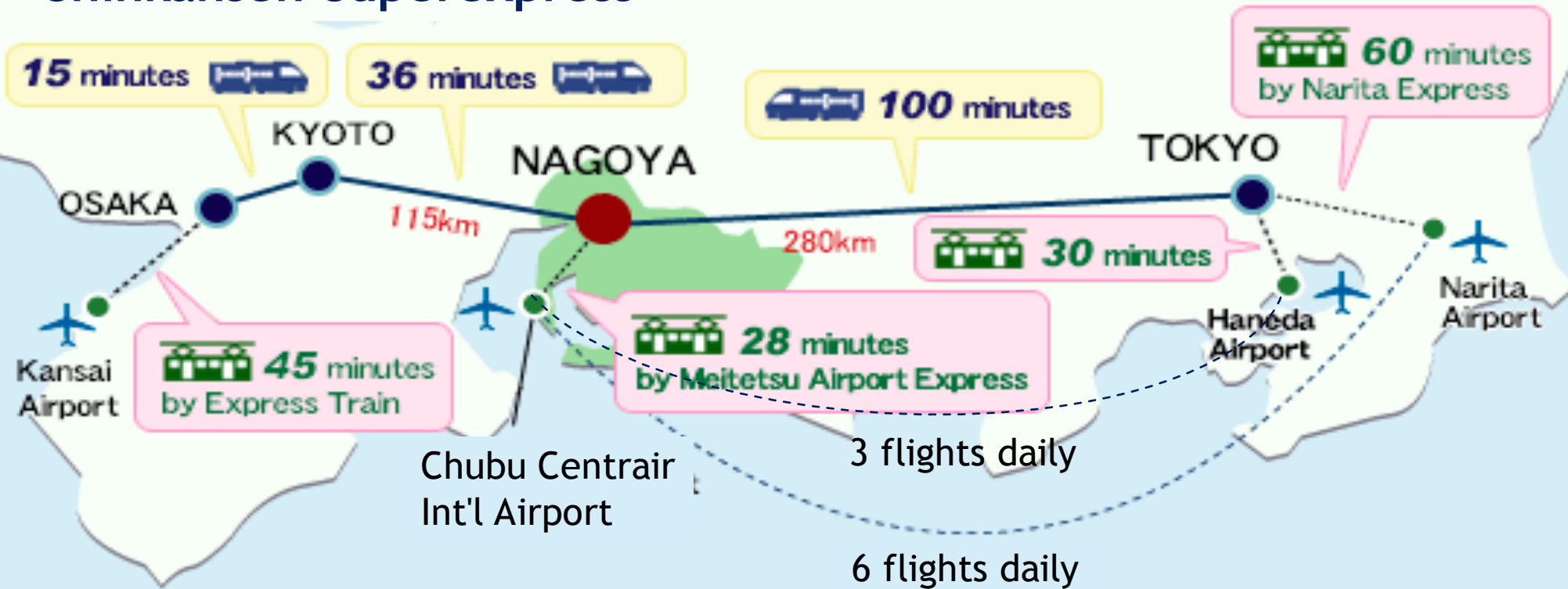
Tokyo **Haneda** Airport (**30** oversea cities)

- ◆ Tokyo Narita <-> Chubu Centrair : 6 flights/day
- ◆ Tokyo Haneda <-> Chubu Centrair : 3 flights/day
- ◆ Osaka Kansai + Shinkansen train



# Access to Nagoya by Train

## Shinkansen Superexpress



# Schedule: 2018 Sep 9-14 (Sun-Fri)

- ◆ Student workshop: 8-9 Sept. (Sat-Sun)
- ◆ Reception: 9 Sept. (Sun)
- ◆ Scientific program: 10-14 Sept. (Mon-Fri)
- ◆ Banquet: 12 Sept. (Wed)
- ◆ IOC meetings:
  - 9 Sept. (Sun)
  - 10 Sept. (Mon)
  - 11 Sept. (Tue)

### INCOME

Japanese Yen basis

Exchange rate: 100 JPY/USD

■ Registration Fees (Regular)	Subtotal	\$364,000
➤ \$650(Early Bird) x 500		
➤ \$750(Regular) x 35		
➤ \$850(Late) x 15		
■ Registration Fees (Student)	Subtotal	\$51,300
➤ \$500(Early Bird) x 90		
➤ \$600(Regular) x 7		
➤ \$700(Late) x 3		
■ Exhibition and Advertisement (\$2,000 x 30)	Subtotal	\$60,000
■ Financial supports (Already approved)	Subtotal	\$55,000+
➤ Local governments	\$15,000+	(More are expected)
➤ THz Tech Forum	\$20,000	
➤ Others (U Fukui etc)	\$20,000+	

**TOTAL \$ 530,300+**

# Finance

## Assuming 650 participants

### EXPENSE

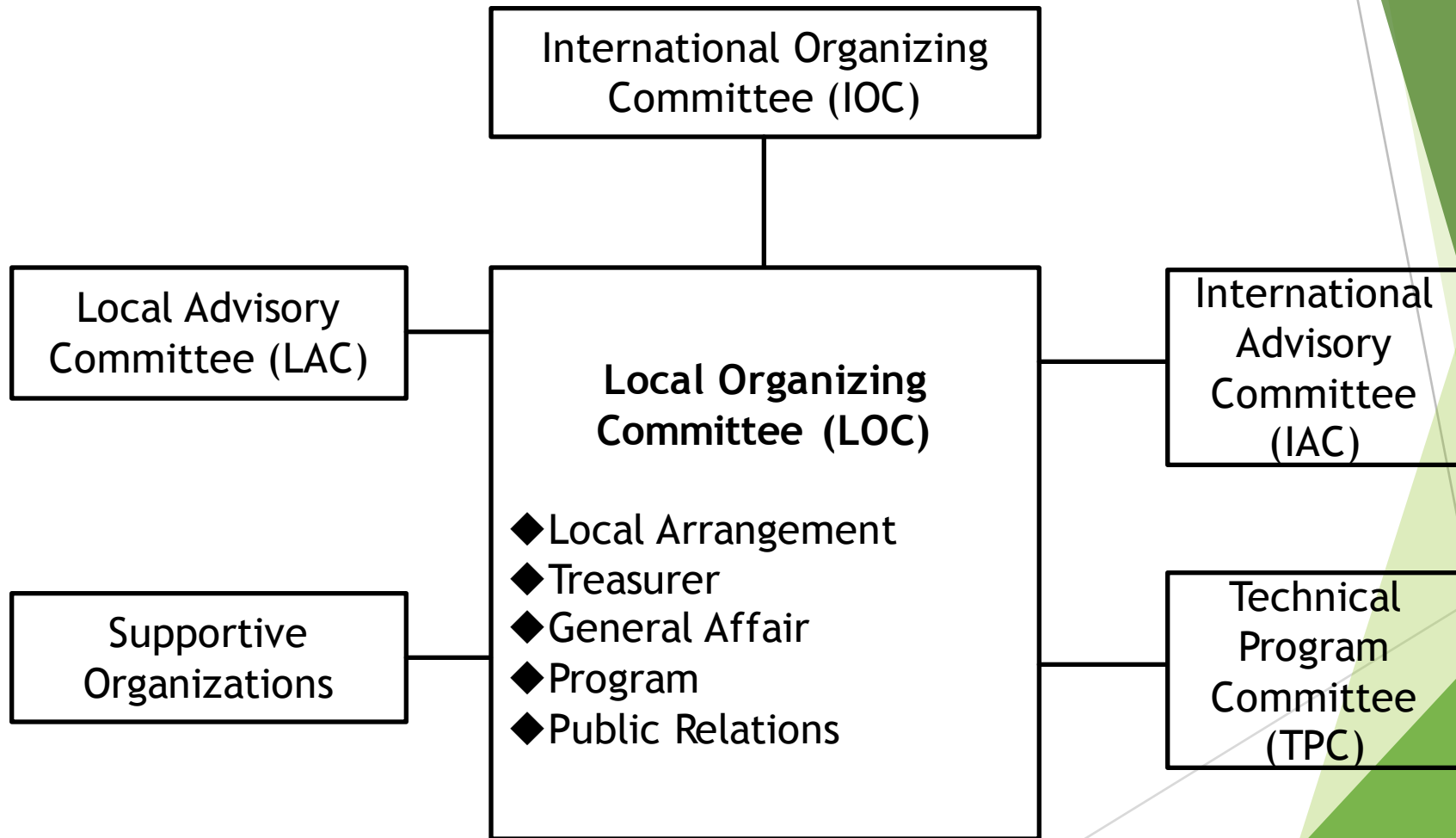
Japanese Yen basis  
Exchange rate: 100 JPY/USD

■ Rooms/Site	Subtotal	\$100,000	■ Hosting/sponser fees	<del>\$42,250</del>	\$32,500
➤ Conference venue	\$96,200		➤ IOC	\$32,500	
➤ IOC rooms etc	\$3,800		➤ <del>IEEE Xplore archive fee</del>	<del>\$9,750</del>	
				(To be waived)	
■ Registration set		\$32,400	■ Travel fee for LOC meetings		\$20,000
■ Commission fee	Subtotal	\$59,000	■ Personnel expenses (Part-time jobs, etc)		\$12,800
➤ Management fee	\$39,000		■ Others	Subtotal	\$34,600
➤ Handling fee	\$20,000		➤ Charge for credit card use	\$12,500	
■ Web-site, Abstract registration		\$15,500	➤ Miscellaneous (Tax, Exchanging rate, etc)	\$22,100	
■ Foods, drinks, etc.	Subtotal	\$150,700			
➤ Banquet, Reception, etc	\$105,000				
➤ Lunch for attendees	\$28,100				
➤ Coffee and snacks	\$17,600				

**TOTAL \$ 487,250**

**Balance + \$ 43,050+**

# Organization Structure of IRMMW-THz 2018



# IRMMW-THz 2018 Committees

## Local Organizing Committee

### Conference Co-Chairs

Toshitaka Idehara (Univ Fukui)

Masahiko Tani (Univ Fukui)

### Treasurer

Masaaki Ashida (Osaka Univ)

Hiroaki Minamide (RIKEN)

Koji Suizu (Chiba Inst Tech)

### Local Arrangement

Yutaka Kadoya (Hiroshima Univ)

Tetsuo Sasaki (Shizuoka Univ)

Kei Takeya (Nagoya Univ)

Saroj R. Tripathi (Shizuoka Univ)

### General Affair

Chiko Otani (RIKEN)

Iwao Hosako (NICT)

Shingo Saito (NICT)

### Program

Taiichi Otsuji (Tohoku Univ)

Akira Satou (Tohoku Univ)

### Public Relations

Kohji Yamamoto (Univ Fukui)

## Technical Program Committee (Co-Chairs)

Kodo Kawase (Nagoya Univ)

Taiichi Otsuji (Tohoku Univ)

Masayoshi Tonouchi (Osaka Univ)

## Local Advisory Committee

Masahiro Asada

Kazuhiko Hirakawa

Norihisa Hiromoto

Hiromasa Ito

Koji Mizuno

Mitsuhiro Motokawa

Tadao Nagatsuma

Hitoshi Ohta

Kiyomi Sakai

Keishi Sakamoto

Yoshizumi Yasuoka

## International Advisory Committee (planned)

Gun-Sik Park                      Martin Koch

Daniel Mittleman                Peter Siegel

Emma MacPherson              Peter Jepsen

Enrique Castro-Camus        Carlo Sirtori

# Flyer of IRMMW-THz 2018

## IRMMW - THz 2018

2018 43rd International Conference on Infrared,  
Millimeter and Terahertz Waves

9 - 14 SEPTEMBER 2018

Nagoya, Japan



IRMMW-THz 2018



JSPS

TeraTech

<http://www.irmmw-thz2018.org>

✉ [secretariat@irmmw-thz2018.org](mailto:secretariat@irmmw-thz2018.org)

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### Conference Co-Chairs:

Masahiko Tani, University of Fukui, Japan  
Toshitaka Idehara, University of Fukui, Japan

### Technical Program Chairs:

Kodo Kawase, Nagoya University, Japan  
Taiichi Otsuji, Tohoku University, Japan  
Masayoshi Tonouchi, Osaka University, Japan

### Local Organizing Committee:

Masaaki Ashida, Osaka University, Japan  
Iwao Hosako, NICT, Japan  
Yutaka Kadoya, Hiroshima University, Japan  
Hiroaki Minamide, RIKEN, Japan  
Chiko Otani, RIKEN, Japan  
Taiichi Otsuji, Tohoku University, Japan  
Shingo Saito, NICT, Japan  
Tetsuo Sasaki, Shizuoka University, Japan

Akira Satou, Tohoku University, Japan  
Koji Suizu, Chiba Institute of Technology, Japan  
Kei Takeya, Nagoya University, Japan  
Kohji Yamamoto, University of Fukui, Japan

### Technical Program Committee:

Masahiro Asada, Tokyo Institute of Technology, Japan  
Aydin Babakhani, Rice University, USA  
Michael I. Bakunov, University of Nizhny Novgorod, Russia  
Stefano Barbieri, IEMN, France  
Rene Beigang, Technische Universität Kaiserslautern, Germany  
Guillermo Carpintero, Universidad Carlos III de Madrid, Spain  
Hou-Tong Chen, Los Alamos National Laboratory, USA  
Jian Chen, Nanjing University, China  
Tyler L. Cocker, University of Regensburg, Germany  
Jean-Louis Coutaz, University of Savoie, France  
Juraj Darmo, Vienna University of Technology, Austria  
Jérôme Faist, ETH Zurich, Swiss  
József Fülöp, University of Pécs, Hungary  
Jaime Gómez-Rivas, DIPPER, Netherland  
Jianguang Han, Tianjin University, China  
Frank Hegmann, University of Alberta, Canada  
Kazuhiro Hirakawa, The University of Tokyo, Japan  
Hideki Hirayama, RIKEN, Japan  
Norihisa Hiromoto, Shizuoka University, Japan  
Iwao Hosako, NICT, Japan  
Mona Jarrahi, University of California Los Angeles, USA  
John Jelonnek, Karlsruhe Institute of Technology, Germany  
Young Uk Jeong, Korea Atomic Energy Research Inst., Korea  
Peter Uhd Jepsen, Technical University of Denmark, Denmark  
Michael Johnston, University of Oxford, UK  
Yutaka Kadoya, Hiroshima University, Japan  
Walter Kasperek, University of Stuttgart, Germany  
Yukio Kawano, Tokyo Institute of Technology, Japan  
Dai-Sik Kim, Seoul National University, Korea  
Toshihiko Kiwa, Okayama University, Japan  
Thomas Kleine-Ostmann, Physikalisch-Technische Bundesanstalt, Germany  
Wojciech Knap, CNRS-University Montpellier II, France  
Martin Koch, Philipps-Universität Marburg, Germany  
Junichiro Kono, Rice University, USA  
Petr Kužel, Czech Academy of Sciences, Czech  
Jean-François Lampin, IEMN, France  
Wei Lu, Shanghai Institute of Technical Physics, China  
Emma MacPherson, The University of Warwick, UK  
Andrea Markelz, SUNY Buffalo, USA  
Oleg Mitrofanov, University College London, UK

Tetsuya Nagata, Kyoto University, Japan  
Tadao Nagatsuma, Osaka University, Japan  
Ajay Nahata, The University of Utah, USA  
Hiroyuki Nojiri, Tohoku University, Japan  
Gregory S. Nusinovich, University of Maryland, USA  
Hitoshi Ohta, Kobe University, Japan  
Tsuneyuki Ozaki, INRS, Canada  
Willie Padilla, Duke University, USA  
Ci-Ling Pan, National Tsing Hua University, Taiwan  
Ulrich Pfeiffer, Bergische Universität Wuppertal, Germany  
Paul Planken, University of Amsterdam, Netherland  
Rohit P. Prasadkumar, Los Alamos National Laboratory, USA  
Jae-Sung Rieh, Korea University, Korea  
Svilen Sabchevski, Institute of Electronics Bulgarian Academy of Sciences, Bulgaria  
Keishi Sakamoto, JAEA, Japan  
Charles A. Schmuttenmaer, Yale University, USA  
Alexander P. Shkurinov, Lomonosov Moscow State University, Russia  
Joo-Hiuk Son, University of Seoul, Korea  
Jan Stake, Chalmers University of Technology, Sweden  
Andreas Steiger, Physikalisch-Technische Bundesanstalt, Germany  
Chi-Kuang Sun, National Taiwan University, Taiwan  
Koichiro Tanaka, Kyoto University, Japan  
Yoshinori Tatematsu, University of Fukui, Japan  
Richard J. Temkin, Massachusetts Institute of Technology, USA  
Jinghua Teng, Institute of Materials Research and Engineering, Singapore  
Jerome Tignon, Ecole Normale Supérieure / UPMC, France  
Keisuke Tominaga, Kobe University, Japan  
Alessandro Tredicucci, Università di Pisa, Italy  
Dmitry Turchinovich, University of Duisburg-Essen, Germany  
Takashi Uchida, National Defense Academy, Japan  
Miriam S. Vitiello, CNR-NANO and Scuola Normale Superiore, Italy  
Vincent Wallace, University of Western Australia, Australia  
Stephan Winner, Helmholtz-Zentrum Dresden-Rossendorf, Germany  
Withawat Withayachumnankul, The University of Adelaide, Australia  
Peiheng Wu, Nanjing National Laboratory of Microstructures, China  
Glyavin M. Yurievich, IAP-Russian Academy of Sciences, Russia  
Axel Zettler, University of Cambridge, UK  
Chao Zhang, University of Wollongong, Australia  
Weili Zhang, Tianjin University, China  
Yan Zhang, Capital Normal University, China

<http://www.irmmw-thz2018.org>

✉ [secretariat@irmmw-thz2018.org](mailto:secretariat@irmmw-thz2018.org)



# IRMMW-THz 2018

2018 43rd International Conference on Infrared,  
Millimeter and Terahertz Waves

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<http://irmmw-thz2018.org>

## [Information](#)

2018 43rd International Conference  
on Infrared, Millimeter and Terahertz Waves  
(IRMMW THz-2018)

### **Date**

9 -14 September 2018

### **Venue**

[Nagoya Congress Center](#)  
1-1 Atsuta-nishimachi, Atsuta-ku, Nagoya, JAPAN

## [News](#)

- [Conference website open. \(2017.08.25\)](#)

*Thank you vey much  
for your kind attention*

# Shinkansen Trains to Nagoya



## EXPENSE

■ Conference Venue (Facility and Equipment)	\$96,200
■ Conference registration	\$20,000
■ Web-Site, Abstract registration	\$15,500
■ Conference Materials (Proceedings etc.)	\$32,400
■ LOC Meetings	\$20,000
■ IOC Meetings (Room rental, etc)	\$3,800
■ Social meeting (Welcome reception and Banquet, etc)	\$105,000
■ Coffee service	\$17,600
■ Personnel expenses (Part-time jobs, etc)	\$12,800
■ Hosting fee (to IOC)	\$32,500
■ IEEE Xplore archive fee *	\$9,750
■ Lunch support (for attendees)	\$28,100
■ Commission fees	\$39,000
■ Charge required in credit card use	\$12,500
■ Miscellaneous cost (Tax, exchanging rate diff., etc)	\$22,100
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■ TOTAL	\$ 487,250

\* To be waived.

Balance +\$43,050

# Financial Management

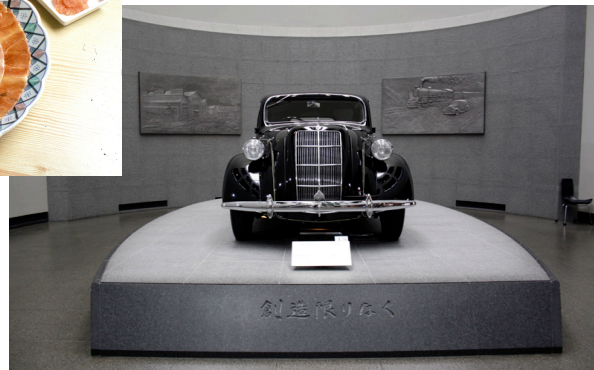
- ✓ Expected number of attendee
  - Minimum : 650 incl. exhibitors (Balance is estimated for this case)
  - Most probable : 700-750 (e.g. ~770 in Copenhagen)
  - Maximum capacity : >800
  
- ✓ Exhibition and Advertisement Fees
  - Silver-Gold-Platinum status depending on the extra supports
  
- ✓ Additional financial supports to be applied
  - \$80,000 from the local government (Aichi Prefecture)
    - Application in April 2017
  - \$10,000-20,000 from Japan Society for the Promotion of Science
  
- ✓ In case of less than 600 attendees
  - To cut expenditure of the support program
    - Lunch for attendees \$32,500
    - Student travel : \$10,000
    - Others (Materials, Banquet, etc.) : \$10,000
    - These can be decided at the very last minute
  - Additional supports from Univ of Fukui, NICT, RIKEN, etc.: \$15,000

# Nagoya's sightseeing and attractions

- ✓ The Venue is very close to **Atsuta Shrine**, where the conference banquet is to be held.
- ✓ It is just 36 min from Nagoya to **Kyoto** by a bullet train.
- ✓ To **Ise Shrine** it is about 1.5 hours by train.
- ✓ You can enjoy Local Cuisines (**Nagoya Meshi**) of Nagoya.



**Toyota Commemorative Museum of Industry and Technology** (<http://www.tcm.it.org/english/>)



## Planning till Sep. 2018 (Key Dates)

- 2017/June Formation of Technical Program Committee (TPC)
- 2017/July Printing of the “First Circular (Flyer)” of IRMMW-THz
- 2018
- 2017/Aug Launching HP for IRMMW-THz 2018
- 2017/End of Aug. Aug 27-Sept 1st in Cancun, Mexico  
IOC meeting (Reporting the preparation of IRMMW-THz 2018)
- 2017/Sep. Start of nominations of Plenary Talks  
from Technical Program committee
- 2018/Jan. - Feb. Call for Papers
- 2018/SEP. Sep. 9 - 14th IRMMW-THz 2018 in Nagoya

# Miscellaneous slides

# Domestic Flights

## Chubu Centrair International Airport (<http://www.centrair.jp/en/>)

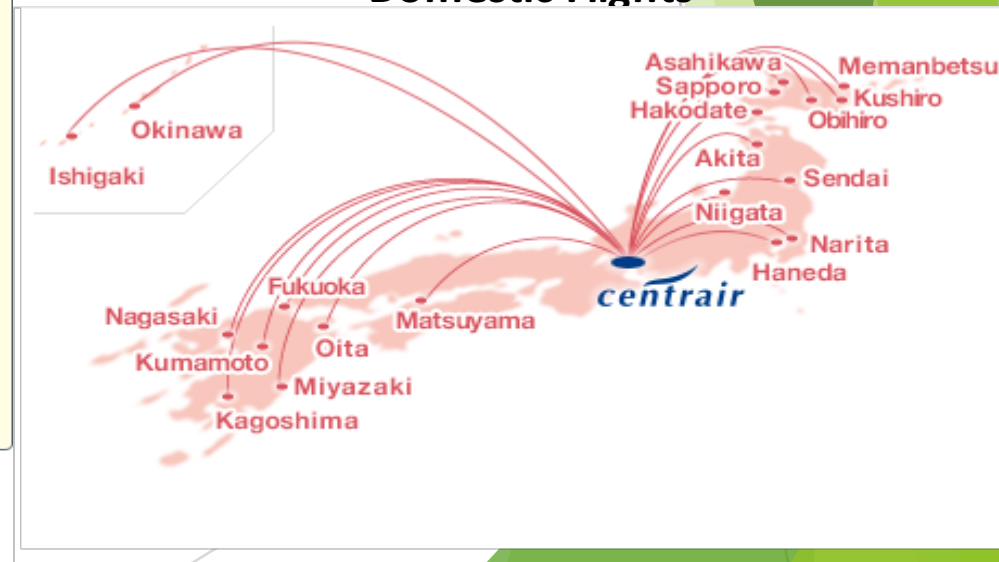
- ✓ Many flights from East and South East Asian Countries are available.
- ✓ Good domestic flight connections from major cities in Japan: **4 flights** from Narita and **3 flights** from Haneda a day, and **2 hours** by Express and Bullet train from Kansai Airport.
- ✓ Good access to the Nagoya downtown area: **30 min** by train

### Access from Centrair to Nagoya downtown

Transfer Line	Transit Time	Fare
Shinkansen (bullet train) (Tokyo, Kyoto)	28 min.	870 yen (1,230 yen*)
JR Lines		
Kintetsu Lines		
Nagoya Station (Meitetsu)		
Nagoya Subway Lines (Higashiyama and Sakuradori Lines)	33 min.	
Aonami Line	24 min.	810 yen (1,170 yen*)
JR Lines		
Kanayama Station (Meitetsu)		
Nagoya Subway Lines (Meijo and Meiko Lines)	31 min.	
Meitetsu: Nagoya Line (bound for Okazaki/ Toyoashi)	21 min.	740 yen (1,100 yen*)
	Jingu-mae Station (Meitetsu)	

— μSKY    — Limited Express  
 \*When riding the μSKY or first class cars on the limited express, a 360 yen surcharge (called a "μticket") is required in addition to the regular passenger fare.  
 \*The prices in parentheses include the surcharge price (μticket: 360 yen per ride).  
 \*Transit times listed apply to daytime trains.

### Domestic Flights



# Accommodation around the venue

Total number of hotels in Nagoya city center is more than **120**, and 15 hotels in Kanayama area (close the venue) .  
Total capacity is close to **20,000**.

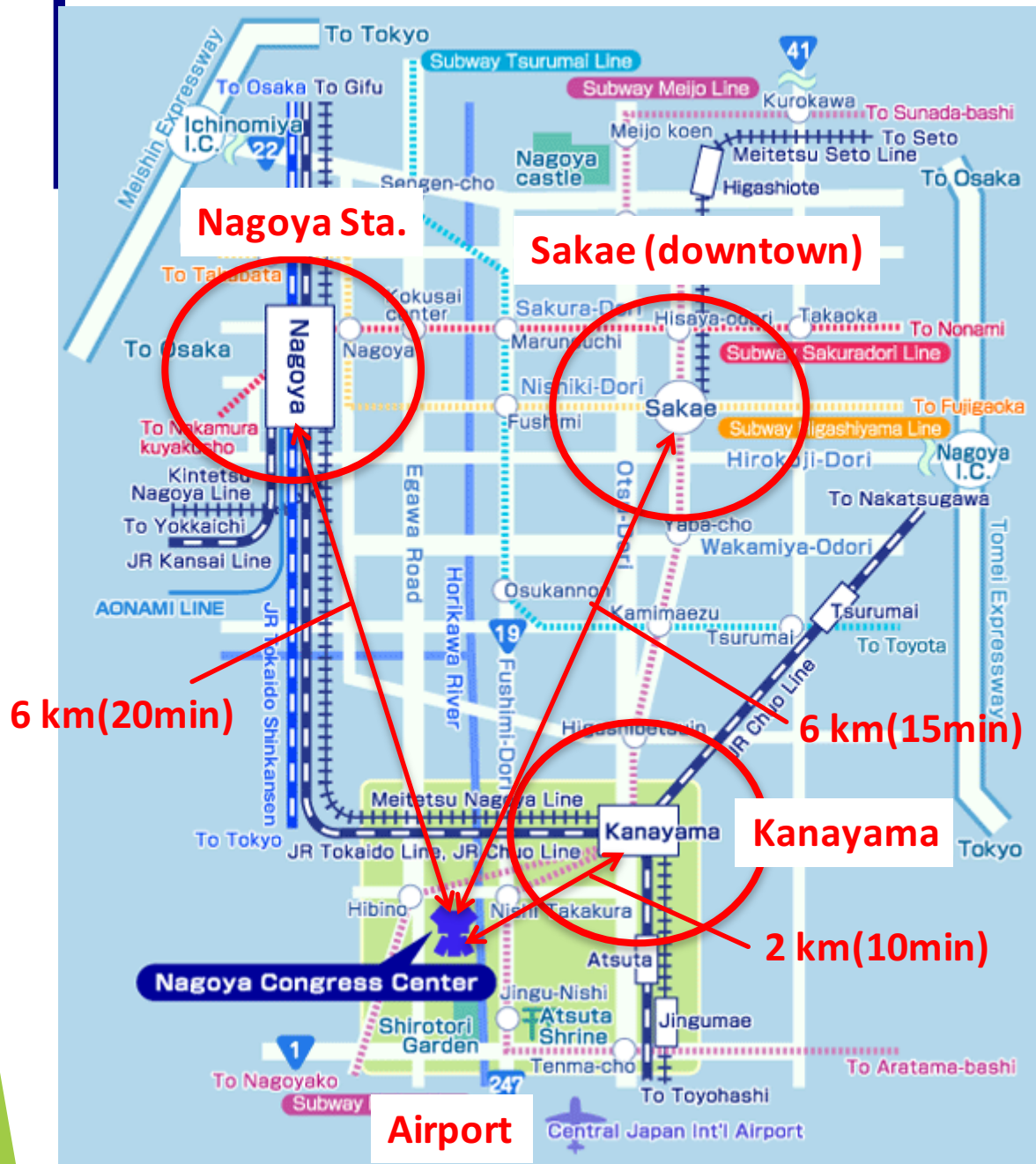
Distance			Hotel Total			Room Total			
Area	km	Min.	DLX	SUP	STD	Single	Twin	Double	Suite
Sta.	6	20	2	4	31	3,928	1,002	942	33
Sakae	6	20	3	4	47	7,222	1,849	1,682	51
Marunouchi	6	20	1	2	4	837	182	125	11
Kanayama	2	10	1	0	13	1,286	271	125	9
			7	10	95	13,273	3,304	2,874	104
			112			19,555			

Information of hotels in Nagoya is available in the following web site:

<http://www.nagoya-info.jp/en/stay/>

- ✓ Nagoya is the fourth largest city in Japan with a population of 2.3 millions.
- ✓ The number of visitors for sightseeing is about 43 mil/year.

# Nagoya Local Area Map



## Access to the venue

- ✓ 25 min from Airport to Kanayama by Meitetsu Airport-line.
- ✓ One station from Kanayama to Hibino or Nishi-Takakura Sta. by Subway
- ✓ 5 min walk from the stations
- ✓ Main hotel: ANA Crowne-Plaza Hotel in Kanayama area
- ✓ ~10 hotels in Kanayama area
- ✓ ~80 hotels in Sakae and Nagoya Sta.  
15 min to Sakae (~6km)  
20 min to Nagoya Sta. (~6km)

# Kanayama Area

✓ **Kanayama area** is the most close to the venue (2 km and Kanayama sta. is next to **Nishi-Takakura Sta.** or **Hibino Sta.**

✓ Hotels in Kanayama area are listed as follows

- ◆ ANA Crowne Plaza Hotel Grand Court Nagoya (<http://www.anacrowneplaza-nagoya.jp/english/>) : \$170/night/single~
- ◆ Cypress Garden Hotel (Sunroute Hotels : <http://www.sunroute.jp/english/index.html>) : \$90/night/single
- ◆ Kanayama Hotel(<http://kanayama-hotel.jp/en/>): \$75/night/single~
- ◆ Meitetsu Inn Nagoya Kanayama (<http://www.m-inn.com/kanayama/>): \$70/night/single~
- ◆ Kanayama Plaza Hotel (<http://www.kanayama-plaza.co.jp/en/index.htm>): \$60/night/single~
  
- ◆ Hotels more than seven are also available in Kanayama area. Hotel list in Kanayama area is available in the following web site:  
<http://www.nagoya-info.jp/en/stay/kanayama/>

Note: The room charge depends on the seasons, the period of stay, and **the number of persons** to stay. The price indicated above don't include tax. )