



# LCWS 2017 Strasbourg Oct. 23-27



Thanks to the IPHC Strasbourg Team:

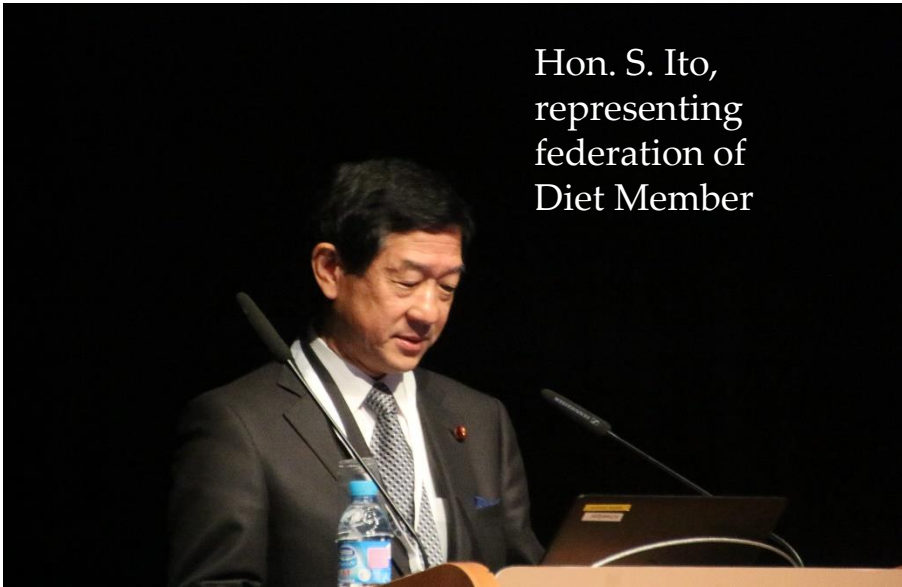
Marc Winter, Jerome Baudot, Auguste Besson, Luis Alejandro Perez-Perez



Supported by: CNRS/IN2P3, IPHC/University of Strasbourg, CEA Saclay/Irfu, LCC, CERN, DESY

## “LC WINDOW” TO FRANCE AND EU

Hon. S. Ito,  
representing  
federation of  
Diet Member



Oct. 31, 2016 - Grand Opening Ceremony:  
chaired by Rolf Heuer  
attended by ~ 1000 part. (2500 conf. registrants)

C. Trautmann  
Former French Minister of Culture  
Former EU Parliament member  
Former Mayor of Strasbourg



➤ I'm Shina Takeshi, Member of the House of Representatives of Japan. Joining me here today from Japan are Hon. Shintaro Ito, members of the industry, Consulate of Japan, and scientists.  
➤ The IEEE NSS/MIC conference has a world-wide nature and this is why we are delighted to participate in such a big international event.

Hon. T. Shina,  
representing  
federation of  
Diet Member



The importance of **broadening scientific, technological/industrial and cultural partnership** between the EU and other parts of the world, to address social challenges using innovative technologies

→ Japan was in the focus of the 2016 IEEE NSS/MIC



# A Year before LCWS2017 ... 2016 IEEE NSS/MIC Conference in Strasbourg

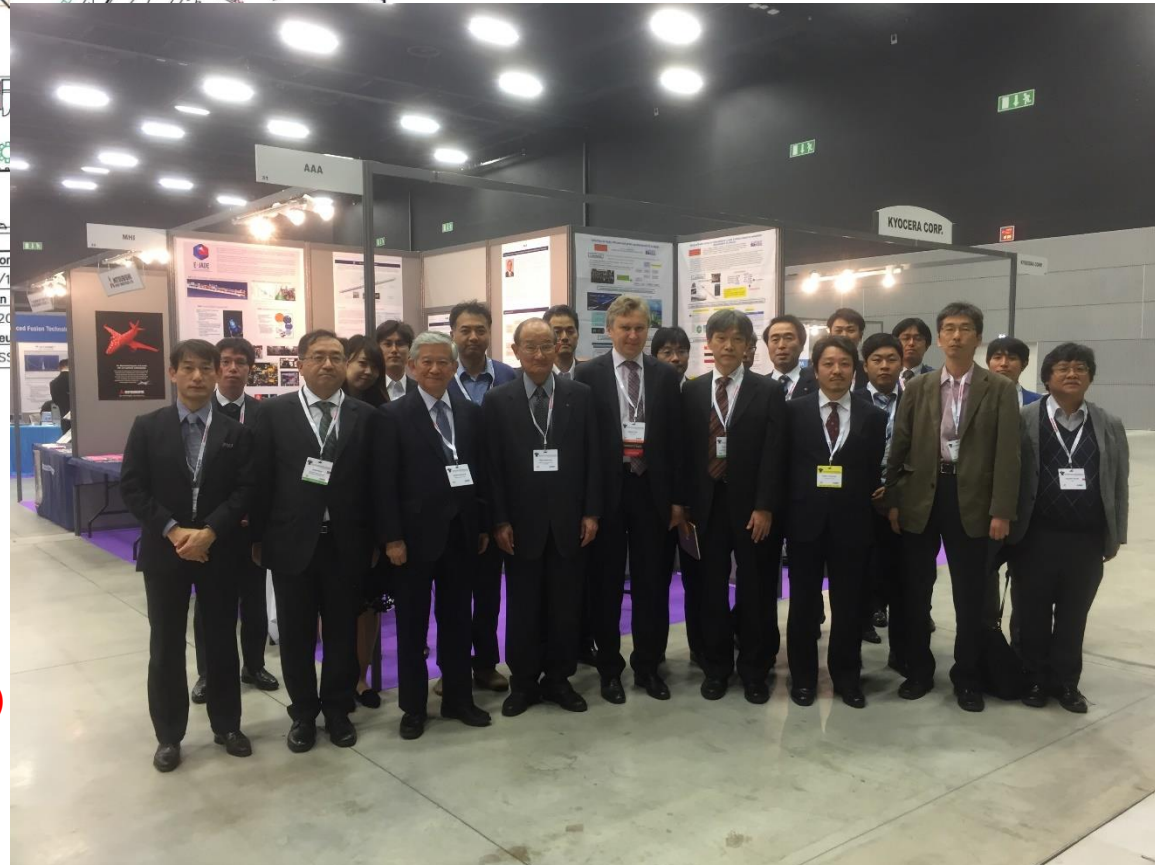
## “ILC/AAA INTERACTION” with EU/US INDUSTRIES



IEEE exhibition hosted 80 company booths from Europe / US / Asia

→ 10 were reserved for AAA and ILC interested industries in Japan

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Dossier:	Congres IEEE	Création 24/02/20
Ech:	Du 29 octobre au 5 novembre 2016	Dessinateur P.KRESS
Calc:	PMC DE STRASBOURG	



AAA Delegation headed by:

T. Nishioka (AAA Preseident)

M. Matsuoka (AAA Secretary General)

# LCWS2017 Workshop Place and Dates

## ➤ DATES

- Start: MONDAY 23rd OCTOBRE
- End: FRIDAY 27th OCTOBRE (noon)

## ➤ PLACE

- Strasbourg (France)
- Venue: Convention Center (PMC)



## Web sites

- LCWS-2017: <http://lcws2017.iphc.cnrs.fr>
- Strasbourg Convention Center: <http://www.strasbourg-events.com/en>



Europe/Zurich timezone

### Welcome / Overview

#### Important Dates (Preliminary)

#### Registration

#### Ordre du jour

#### Participant List

#### Travelling to Strasbourg

#### Industrial Session

#### Committees

#### VISA Information

#### Acomodations

#### Programme overview

#### Practical Informations

#### Social Programme

#### About Strasbourg

#### Contacts

#### Poster

#### Photos

#### Media communications

The 2017 International Workshop on Future Linear Colliders (LCWS2017) will be hosted in Strasbourg from Monday, October 23 through Friday, October 27, at the Strasbourg Convention Center (PMC).

The workshop will be devoted to the study of the physics case for a high energy linear electron-positron collider, taking into account the recent results from LHC, and to review the progress in the detector and accelerator designs for both ILC and CLIC projects. The event will represent an important step before the start of the European Strategy update process.



Local Organizing Committee:

Jérôme Baudot  
Auguste Besson  
Alejandro Pérez-Pérez  
Marc Winter (Chair)





# LCWS2017 Registration

## ON-LINE Registration:

### ➤ Early registration:

470 EUR (students: 400 EUR)

July 10th – Sept. 16th (tbc)

### ➤ Regular registration: + 30 EUR

Sept. 17th – Oct. 16th (tbc)



## ON-SITE Registration:

- Sunday, Oct. 22nd at CIARUS hostel V from 1.00 to 8.00 p.m.
- Monday, Oct. 23rd & beyond at Venue: starting at 8:00 a.m.

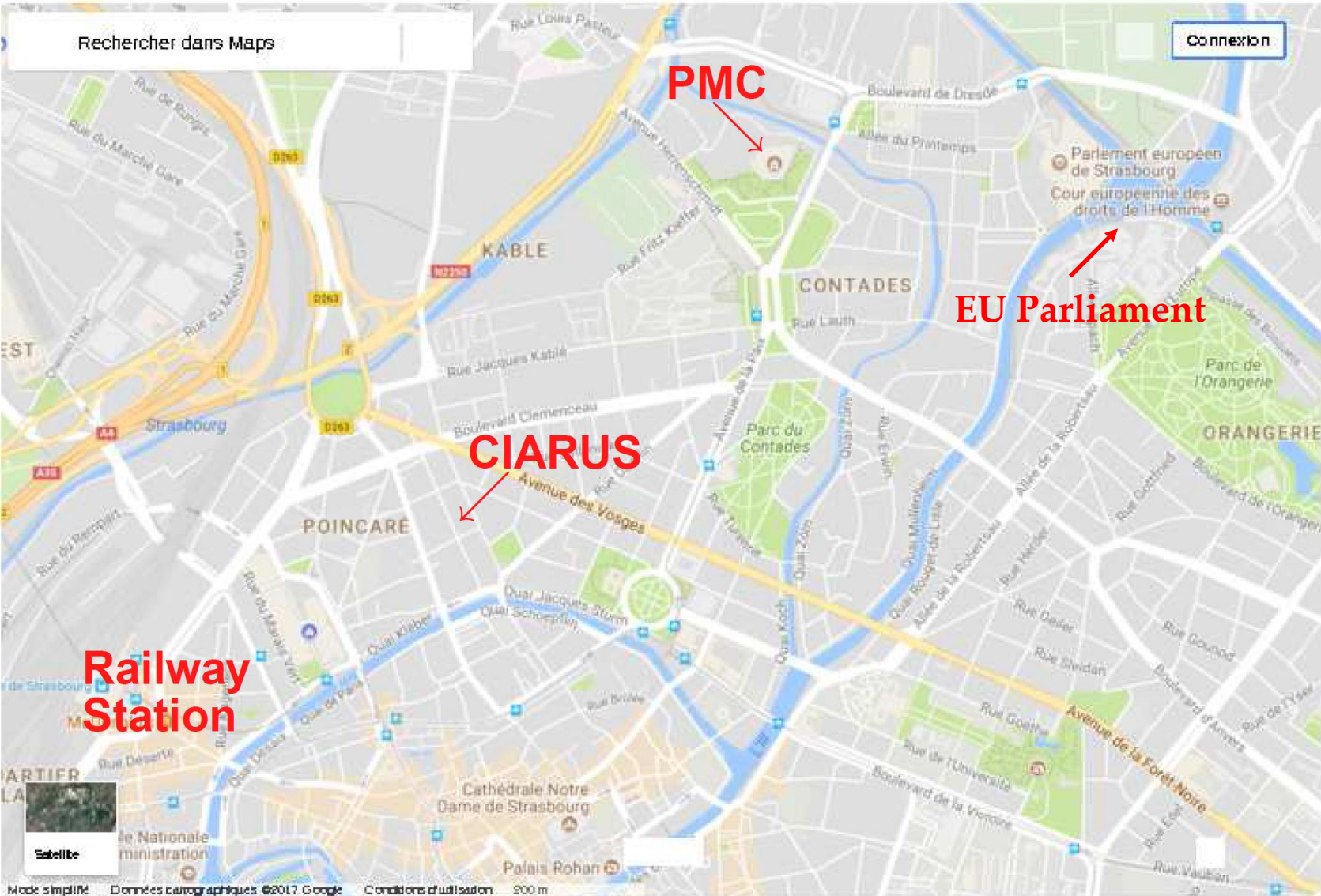
## Registration Fee Includes

Lunch boxes

Welcome reception

Social dinner







# Conference Center: Ground Floor

- Registration desks, Welcome reception and Breaks
- Auditorium (> 500 seats) and 6 parallel session rooms (2 X 76/110/134 seats)

Plenary Auditorium:



WG parallel session rooms:



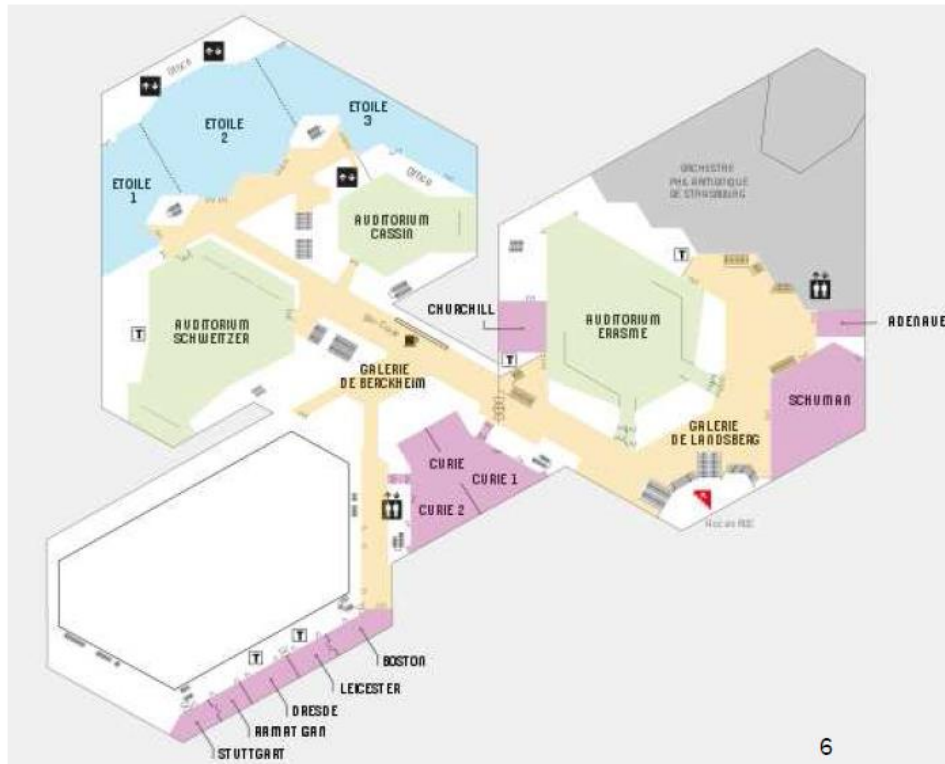
# Conference Center: 1st Floor

- 2 semi-plenary session rooms (> 200 seats)
- 1 committee meeting room (46 seats) also small parallel session rooms
- Lunch break & private discussion room

Semi-plenary session rooms:

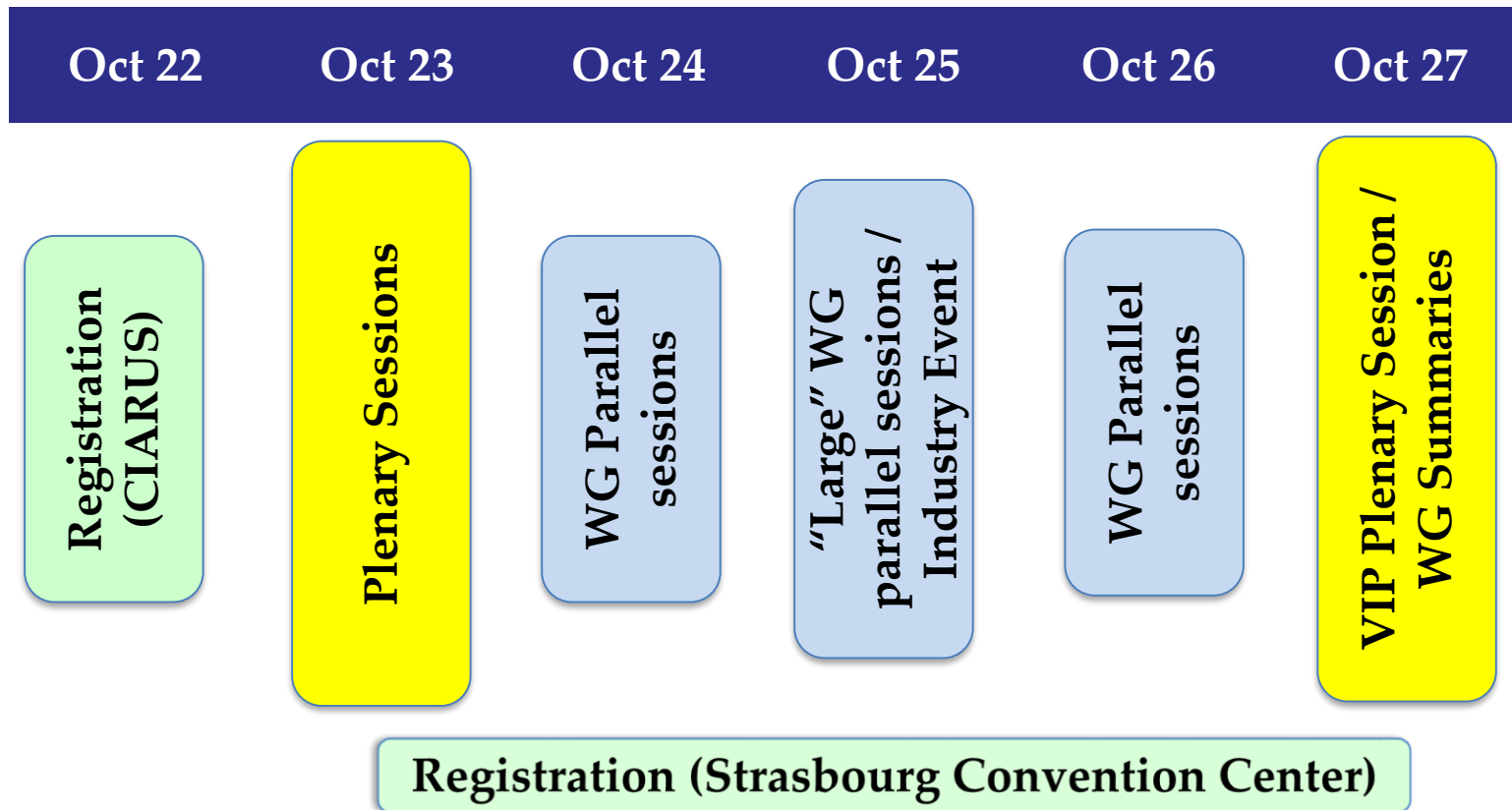


Lunch break & private discussion area:





# LCWS2017 Program Overview: Preliminary



- ❖ Welcome Reception (Convention Center) → Monday, Oct. 23 from 7:00 p.m. to 9:00 p.m.
- ❖ Social Dinner (Uni Aula, Strasbourg University) → Wednesday, Oct. 25, from 7:30 p.m. the first session of the Assembly of the Council of Europe took place in 1949
- ❖ Friday afternoon: 2 rooms (~140 seats) reserved for extra meetings → contact LOC
- EU Parliament week → 3500 people connected to EU Parliament activities will come to Strasbourg → **Book your hotel room a.s.a.p. !!! At least 1 month in advance !!!**

# LCWS STRASBOURG 2017

International Advisory  
Committee

DRAFT



**23-27 October**  
Convention Center  
(Palais des Congrès)  
**Strasbourg, France**

The workshop will be devoted to the study of the physics case for a high energy linear electron-positron collider, taking into account the recent results from LHC, and to review the progress in the detector and accelerator designs for both ILC and CLIC projects.

There will be proceedings for the LCWS2017  
→ Encourage everyone to contribute

#### Local Organising Committee

- J. Baudot (IPHC)
- A. Besson (IPHC)
- V. Boudry (LLR)
- P. Colas (Irfu)
- C. Collard (IPHC)
- E. Kalfas (CEPH)
- I. Laktinich (IPNL)
- A. Pérez-Pérez (IPHC)
- M. Titov (Irfu)
- M. Winter (IPHC, Chair)

<http://lcws2017.iphc.cnrs.fr>

- IAC is being finalized this week
- Program Committee (had 2 meetings):

- T. Behnke (DESY)
- A. Bellerive (Carleton Univ.)
- A. Besson (IPHC)
- J. Brau (Oregon Univ.)
- J-C. Brient (LLR Palaiseau)
- P. Burrows (Oxford Univ.)
- M. Demarteau (ANL)
- D. Denisov (FNAL)
- K. Desch (Bonn Univ.)
- L. Evans (Imperial College)
- K. Fujii (KEK)
- J. Fuster (IFIC-Valencia)
- J. Gao (IHEP)
- R. Godbole (IISC)
- C. Grojean (DESY)
- M. Harrison (BNL)
- B. List (DESY)
- J. List (DESY)
- S. Michizono (KEK)
- H. Montgomery (JLAB)
- H. Murayama (Berkeley)
- T. Nakada (EFPL)
- O. Napoly (Irfu-Saclay)
- M. Peskin (SLAC)
- R. Poeschl (LAL)
- P. Roloff (CERN)
- S. Stapnes (CERN, Chair of the PC)
- G. Taylor (Melbourne)
- M. Titov (Irfu-Saclay, PC Secretary)
- A. White (Texas Univ., Arlington)
- M. Winter (IPHC, Chair of the LOC)
- H. Yamamoto (Tohoku Univ.)
- S. Yamashita (Tokyo Univ.)

Programme Co-ordinator  
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T. Behnke (DESY)  
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A truly European location, the home of the Council of Europe and the European Parliament, with a past dating back 2000 years with exceptional architectural and cultural patrimony



**We encourage all of you to attend LCWS2017 in Strasbourg !**  
**For any further questions, please contact the LOC**  
**Looking forward to welcome you in Strasbourg !**

Being located close to... and having flavors... the city's magnificent Cathedral "the Spire" – the typical quarter loved... and its UNESCO World Heritage... Grande-Ile, as well as the Alsace region, are among the many attractions not to be missed.

**Backup Slides**



# A Year before LCWS2017 ... 2016 IEEE NSS/MIC Conference in Strasbourg

**Opening plenary** addressed a central pillar necessary to make fundamental research progress at a pace reflecting mankind's ability to take up challenges and push the frontiers of knowledge

## Strasbourg steers ILC towards ESRFI roadmap

Akira Yamamoto | [3 November 2016](#)



*Opening IEEE: Junichi Nishiyama (AAA), Takashi Nishioka (AAA), Rolf-Dieter Heuer, Catherine Trautmann, Hon. Shintarou Ito, Hon. Takeshi Shina, Satoru Yamashita (from right to left)*

The 2016 [IEEE Nuclear Science Symposium and Medical Imaging Conference \(NSS/MIC\)](#) is being held in Strasbourg, France from 29 October to 6 November. The [opening plenary](#) addressed a central pillar necessary to make fundamental research progress at a pace reflecting mankind's ability to take up challenges and push the frontiers of knowledge – very large infrastructures, requiring world-wide expertise and effort provided through enhanced international cooperation, are essential to today's (and tomorrow's) research landscape.

Chaired by Rolf Heuer, former CERN Director-General, the opening session contained two keynote presentations: Immaculada Figuera, Executive member of the European Strategy Forum on Research Infrastructures (ESFRI), presented plans for the update of its roadmap for the year 2018 and Atsuto Suzuki, former KEK Director General, spoke about international research cooperation from a Japanese perspective. Suzuki gave an excellent

overview of Japan's participation in large-scale research infrastructure projects, such as the International Space Station ISS, the ITER fusion project, neutrino programmes plus a special emphasis on the International Linear Collider (ILC). The session was followed by greetings from two Japanese Diet Members, the Honorable Shintaro Ito and the Honorable Takeshi Shina. I was very impressed with their enthusiastic statements about and encouragement of the ILC project. Another highlight was a talk by Barry Barish of Caltech, former Director of the Global Design Effort for the ILC, called "Einstein's Gravitational Waves Observed."

Very large infrastructures,  
requiring worldwide  
expertise and effort  
provided through  
enhanced international  
cooperation,  
are essential to today's  
(and tomorrow's)  
research landscape

Dedicated forum in the afternoon - people knowledgeable about the EU, Strasbourg City/ Eurometropole, directors of major particle physics labs, representatives of funding agencies:

importance of [concrete next steps towards the realization of the ILC between European countries and Japan in the coming two years](#), and the opportunity for the ILC to reappear on the ESFRI.

# LHC/ILC EXHIBITION – “ART & SCIENCE for SOCIETY”

Exposition Publique

## L'art et la science pour la société

27 Octobre - 1 Novembre, 15h00-19h00,  
Strasbourg, Palais de la Musique et des Congrès, Gallerie Erasme

Les découvertes en physique nucléaire et des particules réalisées au siècle dernier ont transformé nos vies à jamais. Depuis l'imagerie médicale et l'ingénierie jusqu'aux iPhones et à Internet, le monde moderne a été fondamentalement remodelé par la physique. Pourtant, comme le disait l'astronome Carl Sagan, « bien que nous vivions dans une société extraordinairement dépendante de la science et de la technologie, qui en ont quelque notions.



S'appuyant sur la thématique du congrès IEEE NSS/MIC, l'exposition "Art et Science pour la Société" explorera les dimensions propres à la physique auprès des accélérateurs présents et futurs, et interrogera leur rapport à notre monde social et leur impact culturel et physique. Organisée par l'équipe Arts@CMS du CERN, le Laboratoire européen pour la physique des particules, l'exposition permet d'approcher la recherche scientifique en physique d'une manière passionnante et inspirante. L'exposition se propose de montrer à la fois la beauté de la science et des besoins du 21<sup>ème</sup> siècle.



Crédit photo: Michael Hoch, Chris Henselcke

Organized by the Arts@CMS team at CERN (artistic works inspired by the LHC acc./det.)

→ Exhibition was expanded to include XFEL images (Feb. 2016 in HH) to show what a future ILC could look like

~ 2500 people from Strasbourg attended the exhibition

First attempt to organize a joint LHC / ILC art exhibition:

- To bridge the gap between these two projects
- To address politicians and science policy makers, attending the conference, and emphasize the importance of our domain

