



16th International Particle
Accelerator Conference

TAIPEI, TAIWAN
1-6 June 2025



Conference Guide

Greetings

We are so pleased and honored to welcome you all to the 16th International Particle Accelerator Conference (IPAC'25), to be held on 1~6, June, 2025 at Taipei, Taiwan. The event will be hosted by the National Synchrotron Radiation Research Center. The IPAC'25 edition is a collaborative effort organized by accelerator communities in Asia, Europe, and the Americas. It will be an international event with a rich scientific program covers worldwide advancements in state-of-the-art accelerator research and development, gaining insights into new projects, and staying abreast of the latest developments in accelerator facilities globally. Besides, participants will have the valuable opportunity to connect with peers and establish new business contacts. With an expected attendance of over 1,000 delegates and 80 industry exhibitors, IPAC'25 promises to be a remarkable and significant event.

Taipei, the capital of Taiwan, embracing both modernity and tradition, offering vitality and warm smiles. Taipei will surely become your one of the most cherished memories in Asia. As you explore the city, you'll be enchanted by its rich and diverse cultural characteristics. The beauty of Taipei also lies in its coexistence between the urban and the natural. A few minutes' drive, and you can immerse yourself in the gentle warmth of the hot springs surrounded by lush forests. There are also numerous mountain trails and parks weaving through the city for you to explore. Whether your visit is brief or an extended stay, Taipei's hidden diversity promises to leave you with cherished memories.

We look forward to meeting all of you at the IPAC'25 conference; the event will be enriched by your presence.



OC Chair
Ming-Chyuan Lin
(NSRRC)



SPC Chair
Yoichi Sato
(KEK / J-PARC)



LOC Chair
Jui-Che Huang
(NSRRC)



Scientific Secretariat
Stella Su
(NSRRC)

Host Institution



National Synchrotron Radiation Research Center

National Synchrotron Radiation Research Center (NSRRC) is a non-profit research institute, funded by the National Science and Technology Council (NSTC) in Taiwan. It is located in the Hsinchu Science Park, which is hailed as the "Silicon Valley of Taiwan," home to many of the island's largest IT and semiconductor companies. It is also advantageous to neighbor with two leading Taiwan academic institutes, National Tsing Hua University and National Yang Ming Chiao Tung University.

Scientists from around the world can access NSRRC's facilities to explore the properties of materials in a wide range of disciplines through a competitive proposal process. Every year, over 2,000 users use NSRRC's experimental facilities, which not only enable basic research, but also facilitate high-tech innovation. NSRRC possesses one of the most advanced synchrotron facilities in the world and its pioneering capabilities keep Taiwan at the forefront of scientific research.

Learn more about the NSRRC at
www.nsrcc.org.tw/english/index.aspx

NSRRC
Taiwan Photon Source



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More Information

ipac25.org



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IPAC'25 Venue

The 16th International Particle Accelerator Conference (IPAC'25) is scheduled to take place in Taipei, the capital city of Taiwan. The scientific sessions will be hosted at the International Convention Center (TICC), while the exhibitions and posters will be displayed at the Taipei World Trade Center (TWTC).



Conference Venue

Taipei International Convention Center (TICC)

Add: 1 Hsin-Yi Road, Section 5, Taipei 11049, Taiwan ROC

The Taipei International Convention Center (TICC) is a purpose-built venue renowned for hosting a broad spectrum of events, including international meetings, concerts, conferences, and exhibitions. The IPAC'25 scientific program will be held at TICC from 2 to 6 June 2025. The opening ceremony on 2 June will take place in the Plenary Hall on the 3rd floor. Subsequent parallel sessions will be held in Conference Rooms 101 and 201, located on the first and second floors. The IPAC'25 award ceremony on 5 June, as well as the closing plenary talk, closing remarks, and closing ceremony on 6 June, will all be held in Conference Room 101.



101 – 1st Floor
Parallel Sessions
Closing and Award Ceremony



201 – 2nd Floor
Parallel Sessions



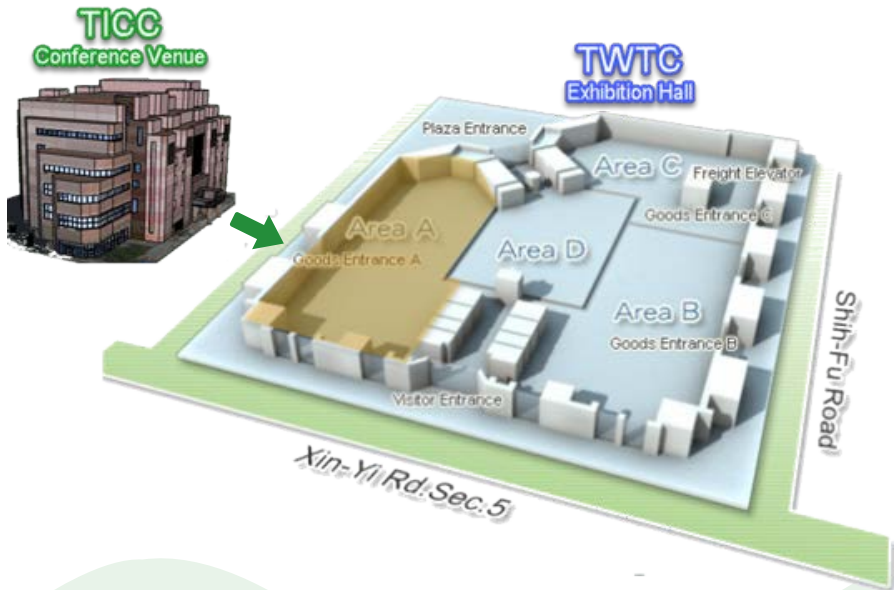
Plenary Hall – 3rd Floor
Opening Ceremony

Exhibition Hall

Taipei World Trade Center (Hall 1, Zone A)

Add: 5 Hsin-Yi Road, Section 5, Taipei 11049, Taiwan ROC

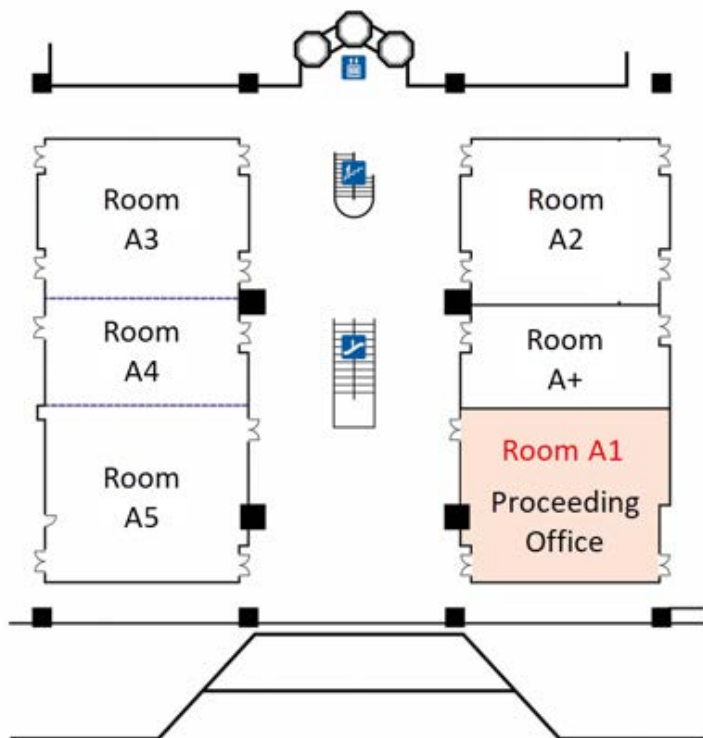
The Taipei World Trade Center (TWTC) offers a contemporary venue that integrates exhibition space, conference facilities, and offices for international business purposes. The IPAC'25 exhibition at TWTC, Area A, will accommodate more than 70 exhibitors and will have 360 posters daily. Morning and afternoon coffee breaks will also be held in TWTC, Area A. Exhibition hours are scheduled from Monday, 2 June, to Thursday, 5 June, from 09:00 to 18:00, with a lunch break from 12:30 to 14:00.



Proceeding Office

Taipei World Trade Center 2F, Room A1

The JACoW Proceedings Office is open from 08:15 to 17:00, Monday through Thursday.



Scientific Program

The Scientific Program is the result of a collaboration between the Scientific Program Committee, the Organizing Committee, and the Scientific Advisory Board. The primary goal is to ensure the most selected and appropriate scientific contributions to the conference. The Scientific Program includes Invited Oral presentations (30 minutes), Contributed Oral presentations (20 minutes), and Poster presentations (available every afternoon from Sunday to Thursday).

Time	Sun. 1 June	Monday 2 June	Tuesday 3 June	
		♀ Plenary Hall, TICC Chair: Ming-Chyuan Lin	♀ 101, TICC Chair: Hiroshi Imao	♀ 201, TICC Chair: Seunghwan Shin
9:00		Welcome Address	Personnel and machine protection for FRIB commissioning, operations, and power ramp up Masanori Ikegami, FRIB	Elevating beam quality and stability in linear accelerators through high order mode analysis Sanae Samam, INFN
9:30		The operational challenges: achieving 500 mA high beam current at Taiwan Photon Source Ping-Jung Chou, NSRRC	Progress in linac beam commissioning for high-intensity operations for J-PARC power upgrades Yong Liu, KEK	Study on the eddy current distribution in the coating layer on the ceramic chamber of a nonlinear kicker Hao-Wen Luo, NSRRC
9:50		High beam power operations at heavy ion facilities: Technical developments, challenges and resolutions Osamu Kamigaito, RIKEN Nishina Center	Status of the proton linac for boron neutron capture therapy in the IBNCT project Masaharu Sato, KEK	No parametric instabilities in actual linear accelerators except the envelope instability Dong-O Jeon, IBS
10:00			Injection into Resonance Islands Henry Lovelace III, BNL	Comprehensive study of Robinson instability in active and passive higher harmonic cavities for bunch lengthening Youngmin Park, POSTECH
10:10				
10:30		Coffee Break (30 mins) ♀ TWTC	Coffee Break (30 mins) ♀ TWTC	
		♀ 101, TICC Chair: Tadashi Koseki	♀ 101, TICC Chair: Hong-Wei Zhao	♀ 201, TICC Chair: Jie Wei
11:00	Student Training ♀ TWTC 2F Room #5	Review of nonlinear resonances in accelerators and storage rings; including a discussion of chaos, particle diffusion and dynamic aperture Shyh-Yuan Lee, Indiana University	Record beam intensity productions of highly charged heavy ions by 28-45 GeV superconducting ECR ion sources at IMP Liangping Sun, IMP	Electron-Ion Collider status Sergei Nagaitsev, BNL
11:30		Liquid lithium charge stripping technology: Achievement and lessons learned Takuji Kanemura, FRIB	Experimental generation of petawatt power, extreme electron beams in a particle accelerator Claudio Emma, SLAC	The third long shutdown (LS3) of the CERN accelerator complex Jean-Philippe Tock, CERN
11:50			Status of the CARIE high gradient photocathode test facility at Los Alamos National Laboratory Evgenya Simakov, LANL	RHIC polarized proton operation in Run24 Kiel Hock, BNL
12:00		RF acceleration with short pulses: Breaking the high-gradient barrier Xueying Lu, NIU/ANL	Optimization of the Korea-4GSR storage ring for increasing the off-momentum dynamic aperture by analyzing resonance driving terms Junha Kim, PAL	Exceeding high-luminosity LHC performance targets during the 2024 Pb-Pb ion run Roderick Bruce, CERN
12:10				
12:30		Lunch break (90 mins) ♀ TWTC	Lunch break (90 mins) ♀ TWTC	
13:30				
		♀ 101, TICC Chair: Ryoichi Hajima	♀ 201, TICC Chair: Zong-Kai Liu	♀ 101, TICC Chair: Toru Hara
14:00		ILC accelerator status Hiroshi Sakai, KEK	Overview of permanent magnet implementations for advanced light sources Ciro Calzolari, PSI	Toward realization of few-cycle free electron lasers: basic concept and its experimental demonstration Takashi Tanaka, RIKEN SPring-8
14:30		Status of the baseline design for a 10 TeV muon collider Daniel Schulte, CERN	Development for various applications at compact FEL as a high-power CW SRF linac in KEK Masahiro Yamamoto, KEK	SPS-II project: Status update Pomtip Sudmuang, SLRI
		♀ 101, TICC Chair: Ryoichi Hajima	♀ 201, TICC Chair: Zong-Kai Liu	♀ 201, TICC Chair: Jordi Marcos Ruzafa
15:00	Student Poster Session ♀ TWTC	Updated baseline design for HALHF: the hybrid, asymmetric, linear Higgs factory Erik Adli, Univ. of Oslo	Nb3Sn cavity development based on vapor deposition method at KEK Hayato Ito, KEK	Operational status and future project of the KEK Photon Factory Takashi Ohina, KEK
15:20		Future e+e- colliders using recycling energy recovery linacs Vladimir Litvinenko, Stony Brook University	Recent developments in the accelerator equipment automation field Konstantinos Papastergiou, CERN	Commissioning of the Advanced Photon Source Upgrade – the first swap-out injection-based synchrotron light source Vadim Sajaev, ANL
15:30		Observations and efforts to reduce sudden beam loss at SuperKEKB Hitomi Ikeda, KEK	Searches for RF breakdown precursors using cherenkov light in optical fibers Paarangt Puzhikara, Univ. of Melbourne	Evaluation method and countermeasures for the beam loss in fourth-generation light sources Toshihiko Hirawa, RIKEN SPring-8
15:40				Engineering magnetic carbon nanotubes via swift heavy ion irradiation for spintronics and quantum technologies: XAS and Raman study Priyal Singhvi, Panjab University
16:00		Poster Session / Coffee ♀ TWTC	Poster Session / Coffee ♀ TWTC	Commissioning of the South African Isotope Facility Hugo Barnard, IThemba LABS
18:00	Welcome Reception (18:00-20:00) ♀ TICC 1F		Productive Research Environment (17:50-20:40) ♀ 102, TICC	

Scientific Program

Time	Wednesday 4 June		Thursday 5 June		Friday 6 June
	☯ 101, TICC Chair: Ralf Gebel	☯ 201, TICC Chair: Thapakorn Pulampong	☯ 101, TICC Chair: Enrica Chiadroni	☯ 201, TICC Chair: Mohammad Eshraqi	☯ 101, TICC Chair: Rogelio Tomas
9:00	Experimental demonstration of particle acceleration with normal conducting accelerating structure at cryogenic temperature Sami Tantawi, ASU	Upgrade of KEK electron/positron injector linac by using pulse magnets and machine learning Takuya Natsui, KEK	Guiding of charged particle beams in curved plasma-discharge capillaries Riccardo Pompili, INFN	Review of beam based correction and optimisation for accelerators Xiabiao Huang, SLAC	Neutron target for high-intensity operation at J-PARC MLF Katsuhiro Haga, JAEA
9:30	20 years of CESR-B cavity operation at the CLS Frédéric Le Pimpec, CLS	Measurement techniques using the electron beam profile scanner at the Fermilab Main Injector Matilda Mwaniki, Illinois Institute of Technology	Progress on experimental demonstration of high-power generation from 0.4 THz corrugated structure Minkyu Seo, Korea University	Assessing the origin of the LHC beam halo Pascal Hermes, CERN	Review of impedance effects for accelerators Takeshi Toyama, KEK
9:50	High power RF testing of high-temperature superconductors Ankur Dhar, SLAC	Data-driven hysteresis compensation in the CERN SPS main magnets Anton Lu, CERN	First measurements of electron acceleration with a plasma density step at AWAKE Fern Pannell, UCL	Coherent stability and dynamic aperture with strong space charge for the FAIR SIS100 synchrotron Adrian Oeftiger, John Adams Institute	
10:00	Further high power tests of the additive manufacturing IH-type cavity Hendrik Hähnel, Goethe University Frankfurt	Supersonic gas curtain-based in-situ transverse beam profile monitoring for medical accelerators Narender Kumar, Cockcroft Institute	Development of cold atom electron source in KEK Yosuke Honda, KEK	Dynamic dipole kick due to a rippling sextupole Boris Podobedov, BNL	Review of linear and nonlinear optics measurements in the CERN LHC Ewen Hamish Maclean, CERN
10:10					
10:30	Coffee Break (30 mins) ☯ TWTC		Coffee Break (30 mins) ☯ TWTC		Coffee Break (30 mins) ☯ TICC
	☯ 101, TICC Chair: Peter McIntosh	☯ 201, TICC Chair: Nicolas Delerue	☯ 101, TICC Chair: Eric Prebys	☯ 201, TICC Chair: Prapong Klysubun	☯ 101, TICC Chair: Yoichi Sato
11:00	Assessing and increasing the sustainability of future accelerator based facilities Ben Shepherd, STFC	Ultrafast visualization of quasi-three-dimensional electric field of relativistic electron beam Koichi Kan, QST	Reinforcement learning in particle accelerators Andrea Santamaria Garcia, University of Liverpool / Cockcroft Institute	Deceleration of ion beams - Related challenges and opportunities Frank Herfurth, GSI	Latest achievements in femtosecond synchronization of large scale facilities Sebastian Schulz, DESY
11:30	Cryogenic efficiency and sustainability aspects for particle accelerators & detectors Antonio Perin, CERN	Empowering a broad and diverse community in beam dynamics simulations with Xsuite Szymon Lopaciuk, CERN	Development of an RFSoC-based low-level RF controller for an electron linac Hirokazu Maesaka, RIKEN Spring-8	Commissioning 1.7 MW, 1.3 GeV beam for the proton power upgrade at SNS Nicholas Evans, ORNL	BeamPIE – a suborbital test of an accelerator for space applications Quinn Marksteiner, LANL
11:50	Active 3rd harmonic RF system for ALBA Francis Perez, ALBA	A module for fast auto differentiable simulations Ji Qiang, LBNL	Development of non-invasive beam diagnostics by quantum optics-based detection Shukai Zhang, Jefferson Lab	FAIR commissioning - Towards first science Stephan Reimann, GSI	Highlights from future circular collider feasibility study and path to construction Frank Zimmermann, CERN
12:00	Integrating permanent magnets and electromagnets: a hybrid dipole magnet design Yang-Yang Hsu, NSRRC	Off-resonance scheme for highly coupled lattice design in the diffraction-limited light sources Yihao Gong, SSRF	Lunch break (80 mins) ☯ TWTC (12:10-13:30)		
12:30	Lunch break (90 mins) ☯ TWTC		☯ 101, TICC Chair: In-Soo Ko		Closing Remarks (12:30-13:30)
13:30	☯ 101, TICC Chair: Yoichi Sato	☯ 201, TICC Chair: Adriana Wawrzyniak			Facility Tour (13:30 -) Taiwan Photon Source, National Synchrotron Radiation Research Center or Heavy Ion Therapy Center, Taipei Veterans General Hospital
14:00	Applications of high impedance magnetic alloy Chihhiro Ohmori, KEK/J-PARC	Cascaded hard X-ray self-seeded free-electron laser at megahertz repetition rate Shan Liu, DESY	Award Session (13:30-14:50)		Plenary talk MC1 Colliders and Related Accelerators MC2 Photon Sources and Electron Accelerators MC3 Novel Particle Sources and Acceleration Techniques MC4 Hadron Accelerators MC5 Beam Dynamics and EM Fields MC6 Beam Instrumentation and Controls, Feedback and Operational Aspects MC7 Accelerator Technology and Sustainability MC8 Applications of Accelerators, and Engagement for Industry and Society
14:30	Student viewpoints on career pathways John Patrick Salvenden, University of Oxford/CERN	LCLS-II commissioning and operation with high-repetition-rate CW FELs Yuantao Ding, SLAC	Best Student Poster Award (14:50-15:00)		
	Partnership with NSRRC in Taiwan's first heavy ion therapy project Ching-Sheng Liu, Kaohsiung VGH				
	☯ 101, TICC Chair: Yoichi Sato	☯ 201, TICC Chair: Adriana Wawrzyniak	☯ 201, TICC Chair: Jui-Che Huang		
15:00	Design initiatives for a 10 TeV pCM wakefield collider Stewart Boegert, Cockcroft Institute	SLS 2.0 storage ring commissioning Michael Böge, PSI	Entertainment Session (15:00-15:30) Why Did My Ancestors Leave Taiwan? Futuru C.L. Tsai		
15:20		First beam commissioning of the HZB superconducting radio-frequency photoelectron gun Thorsten Kamps, HZB	Poster Session / Coffee (15:30-17:30) ☯ TWTC		
15:30	Enhanced proton and neutron production using the ultra-short (24fs) and high-power (2 PW) Apollon laser facility Julien Fuchs, CNRS	Experimental demonstration of transient-beam-loading compensation using new digital LLRF system at the Photon Factory storage ring Daichi Naito, KEK			
15:40					
16:00	Poster Session / Coffee ☯ TWTC		Conference Banquet (18:45-20:40) ☯ Grand HiLai Taipei		
18:00					

Invited Oral Speakers

Plenary Sessions

- **The Operational Challenges: Achieving 500 mA High Beam Current at Taiwan Photon Source**
- Ping-Jung Chou, National Synchrotron Radiation Research Center
- **High Beam Power Operations at Heavy Ion Facilities: Technical Developments, Challenges and Resolutions**
- Osamu Kamigaito, RIKEN Nishina Center
- **Review of nonlinear resonances in accelerators and storage rings; including a discussion of chaos, particle diffusion and dynamic aperture** - Shyh-Yuan Lee, Indiana University
- **Liquid lithium charge stripping technology: achievement and lessons learned**
- Takuji Kanemura, Facility for Rare Isotope Beams, Michigan State University
- **RF Acceleration with Short Pulses: Breaking the High-Gradient Barrier**
- Xueying Lu, Argonne National Laboratory
- **Latest Achievements in Femtosecond Synchronization of Large Scale Facilities**
- Sebastian Schulze, Deutsches Elektronen-Synchrotron
- **BeamPIE - a suborbital test of an accelerator for space applications**
- Quinn Marksteiner, Los Alamos National Laboratory

MC1: Colliders and Related Accelerators

- **ILC accelerator status**
- Hiroshi Sakai, High Energy Accelerator Research Organization
- **Status of the Baseline Design for a 10 TeV Muon Collider**
- Daniel Schulte, European Organization for Nuclear Research
- **Design Initiatives for a 10 TeV pCM Wakefield Collider**
- Stewart Boogert, Cockcroft Institute
- **EIC accelerator status**
- Sergei Nagaitsev, Brookhaven National Laboratory

MC2: Photon Sources and Electron Accelerators

- **Toward realization of few-cycle free electron lasers: basic concept and its experimental demonstration**
- Takashi Tanaka, RIKEN SPring-8 Center
- **SPS-II Project: Status update**
- Porntip Sudmuang, Synchrotron Light Research Institute
- **Cascaded hard X-ray self-seeded free-electron laser at megahertz repetition rate**
- Shan Liu, Deutsches Elektronen-Synchrotron
- **LCLS-II commissioning and operation with high-repetition-rate CW FELs**
- Yuanhao Ding, SLAC National Accelerator Laboratory

MC3: Novel Particle Sources and Acceleration Techniques

- **Record beam intensity productions of Highly charged heavy ions by 28-45 GHz superconducting ECR ion sources at IMP** - Liangting Sun, Institute of Modern Physics, Chinese Academy of Sciences
- **Enhanced proton and neutron production using the ultra-short (24 fs) and high-power (2 PW) Apollon laser facility** - Julien Fuchs, Centre national de la recherche scientifique
- **Guiding of charged particle beams in curved plasma-discharge capillaries**
- Riccardo Pompili, Istituto Nazionale di Fisica Nucleare

Invited Oral Speakers

MC4: Hadron Accelerators

- **Personnel and machine protection for high power accelerator commissioning, operations, and power ramp up**
- Masanori Ikegami, Facility for Rare Isotope Beams, Michigan State University
- **Deceleration of Ion Beams - Related Challenges and Opportunities**
- Frank Herfurth, GSI Helmholtzzentrum für Schwerionenforschung GmbH

MC5: Beam Dynamics and EM Fields

- **Elevating Beam Quality and Stability in Linear Accelerators through High Order Mode Analysis**
- Sanae Samsam, Istituto Nazionale di Fisica Nucleare
- **Ultrafast visualization of an electric field under the Lorentz transformation**
- Koichi Kan, National Institutes for Quantum Science and Technology
- **Review of beam based correction and optimisation for accelerators**
- Xiaobiao Huang, SLAC National Accelerator Laboratory
- **Review of impedance effects for accelerators**
- Takeshi Toyama, High Energy Accelerator Research Organization
- **Review of Linear and Nonlinear Optics Measurements in the CERN**
- LHC Ewen Hamish Maclean, European Organization for Nuclear Research

MC6: Beam Instrumentation and Controls, Feedback and Operational Aspects

- **Upgrade of KEK electron/positron Injector Linac by using pulse magnets and machine learning**
- Takuya Natsui, High Energy Accelerator Research Organization
- **Reinforcement Learning in Particle Accelerators**
- Andrea Santamaria Garcia, Karlsruhe Institute of Technology

MC7: Accelerator Technology and Sustainability

- **Overview of permanent magnet implementations for advanced light sources**
- Ciro Calzolaio, Paul Scherrer Institut
- **Development for Various Applications at Compact ERL as a high-power CW SRF linac in KEK**
- Masahiro Yamamoto, High Energy Accelerator Research Organization
- **Experimental demonstration of particle acceleration with normal conducting accelerating structure at cryogenic temperature** - Sami Tantawi, Arizona State University
- **Assessing and Increasing the sustainability of future accelerator based facilities**
- Ben Shepherd, Science and Technology Facilities Council
- **Neutron target for high-intensity operation at J-PARC MLF**
- Katsuhiko Haga, Japan Atomic Energy Agency

MC8: Applications of Accelerators, and Engagement for Industry and Society

- **Carbon ion therapy facility at Taipei Veterans General Hospital**
- Keng-Li Lan, Taipei Veterans General Hospital
- **Compact hadron sources and linacs for societal applications**
- Alessandra Lombardi, European Organization for Nuclear Research

Contributed Oral Speakers

MC1: Colliders and Related Accelerators

- **Updated baseline design for HALHF: the hybrid, asymmetric, linear Higgs factory**
- Erik Adli, University of Oslo
- **Future e+e- colliders using recycling Energy-Recovery Linacs**
- Vladimir Litvinenko, Stony Brook University
- **Observations and efforts to reduce sudden beam loss at SuperKEKB**
- Hitomi Ikeda, High Energy Accelerator Research Organization
- **The third long shutdown (LS3) of the CERN accelerator complex**
- Jean-Philippe Tock, European Organization for Nuclear Research
- **RHIC polarized proton operation in Run24**
- Kiel Hock, Brookhaven National Laboratory
- **Exceeding high-luminosity LHC performance targets during the 2024 Pb-Pb ion run**
- Roderik Bruce, European Organization for Nuclear Research

MC2: Photon Sources and Electron Accelerators

- **Status of the CARIE high gradient photocathode test facility at Los Alamos National Laboratory**
- Evgenya Simakov, Los Alamos National Laboratory
- **Optimization of the Korea-4GSR storage ring for increasing the off-momentum dynamic aperture by analyzing resonance driving terms** - Junha Kim, Pohang Accelerator Laboratory
- **Operational status and future project of the KEK Photon Factory**
- Takashi Obina, High Energy Accelerator Research Organization
- **Commissioning of the Advanced Photon Source Upgrade-the first swap-out injection-based synchrotron light source** - Vadim Sajaev, Argonne National Laboratory
- **Evaluation method and countermeasures for the beam loss in fourth-generation light sources**
- Toshihiko Hiraiwa, RIKEN SPring-8 Center
- **SLS 2.0 storage ring commissioning**
- Michael Böge, Paul Scherrer Institut
- **First beam commissioning of the HZB superconducting radio-frequency photoelectron gun**
- Thorsten Kamps, Helmholtz-Zentrum Berlin fuer Materialien und Energie GmbH

MC3: Novel Particle Sources and Acceleration Techniques

- **Progress on experimental demonstration of high-power generation from 0.4 THz corrugated structure**
- MinKyu Seo, Korea University Sejong Campus
- **First measurements of electron acceleration with a plasma density step at AWAKE**
- Fern Pannell, University College London
- **Development of cold atom electron source in KEK**
- Yosuke Honda, High Energy Accelerator Research Organization
- **Experimental generation of petawatt power, extreme electron beams in a particle accelerator**
- Claudio Emma, SLAC National Accelerator Laboratory

Contributed Oral Speakers

MC4: Hadron Accelerators

- **Commissioning 1.7 MW, 1.3 GeV beam for the proton power upgrade at SNS**
 - Nicholas Evans, Oak Ridge National Laboratory
- **FAIR commissioning-Towards first science**
 - Stephan Reimann, GSI Helmholtzzentrum für Schwerionenforschung GmbH
- **Progress in linac beam commissioning for high-intensity operations for J-PARC power upgrades**
 - Yong Liu, High Energy Accelerator Research Organization
- **Status of the proton linac for boron neutron capture therapy in the iBNCT project**
 - Masaharu Sato, SLAC National Accelerator Laboratory
- **Injection into Resonance islands**
 - Henry Lovelace III, Brookhaven National Laboratory

MC5: Beam Dynamics and EM Fields

- **Study on the eddy current distribution in the coating layer on the ceramic chamber of a nonlinear kicker**
 - Hao-Wen Luo, National Synchrotron Radiation Research Center
- **No parametric instabilities in actual linear accelerators except the envelope instability**
 - Dong-O Jeon, Institute for Basic Science
- **Comprehensive study of Robinson instability in active and passive higher harmonic cavities for bunch lengthening** - Youngmin Park, Pohang University of Science and Technology
- **Empowering a broad and diverse community in beam dynamics simulations with Xsuite**
 - Szymon Lopaciuk, European Organization for Nuclear Research
- **A module for fast auto differentiable simulations**
 - Ji Qiang, Lawrence Berkeley National Laboratory
- **Off-resonance scheme for highly coupled lattice design in the diffraction-limited light sources**
 - Yihao Gong, Shanghai Synchrotron Radiation Facility
- **Dynamic dipole kick due to a rippling sextupole**
 - Boris Podobedov, Brookhaven National Laboratory

MC6: Beam Instrumentation and Controls, Feedback and Operational Aspects

- **Development of an RFSoC-based low-level RF controller for an electron linac**
 - Hirokazu Maesaka, RIKEN SPring-8 Center
- **Development of non-invasive beam diagnostics by quantum optics-based detection**
 - Shukui Zhang, Thomas Jefferson National Accelerator Facility
- **Measurement techniques using the electron beam profile scanner at the Fermilab Main Injector**
 - Matilda Mwaniki, Illinois Institute of Technology
- **Data-driven hysteresis compensation in the CERN SPS main magnets**
 - Anton Lu, European Organization for Nuclear Research
- **Supersonic gas curtain-based in-vivo transverse beam profile monitoring for medical accelerators**
 - Narender Kumar, Cockcroft Institute
- **Experimental demonstration of transient-beam-loading compensation using new digital LLRF system at the Photon Factory storage ring** - Daichi Naito, PHigh Energy Accelerator Research Organization

Contributed Oral Speakers

MC7: Accelerator Technology and Sustainability

- **Nb3Sn cavity development based on vapor deposition method at KEK**
- Hayato Ito, High Energy Accelerator Research Organization
- **Recent developments in the accelerator equipment automation field**
- Konstantinos Papastergiou, European Organization for Nuclear Research
- **Searches for RF breakdown precursors using Cherenkov light in optical fibers**
- Paarangat Pushkarna, The University of Melbourne
- **20 years of CESR-B cavity operation at the CLS**
- Frédéric Le Pimpec, Canadian Light Source Inc.
- **High power RF testing of high-temperature superconductors**
- Ankur Dhar, SLAC National Accelerator Laboratory
- **Further high power tests of the additive manufacturing IH-type cavity**
- Hendrik Hähnel, Goethe Universität Frankfurt
- **Cryogenic efficiency and sustainability aspects for particle accelerators & detectors**
- Antonio Perin, European Organization for Nuclear Research
- **Active 3rd harmonic RF system for ALBA**
- Francis Perez, ALBA-CELLS Synchrotron
- **Integrating permanent magnets and electromagnets: a hybrid dipole magnet design**
- Yang-Yang Hsu, National Synchrotron Radiation Research Center

MC8: Applications of Accelerators, and Engagement for Industry and Society

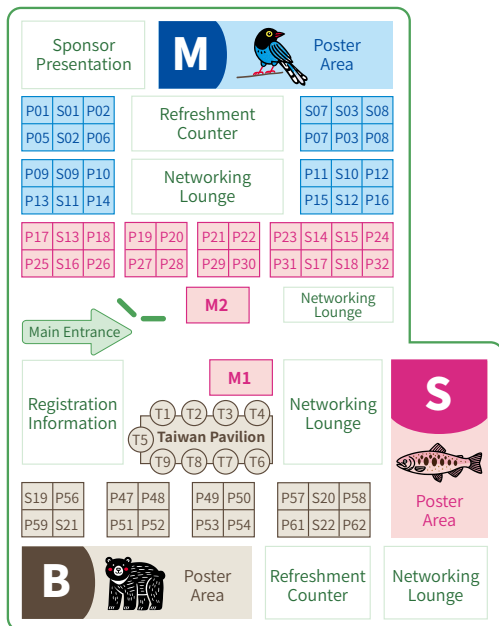
- **Communicating environmental sustainability guidelines for large accelerator facilities**
- Hannah Wakeling, John Adams Institute
- **Engineering magnetic carbon nanotubes via swift heavy ion irradiation for spintronics and quantum technologies: XAS and RAMAN study** - Priyal Singhal, Panjab University
- **Commissioning of the South African Isotope Facility**
- Hugo Barnard, iThemba LABS

Exhibition Map

Exhibition hours are from Monday, 2 June to Thursday, 5 June,
from 09:00 to 18:00 with a lunch break from 12:30 to 14:00.

S11	ALDENA TELECOMUNICAZIONI SRL
S03	American Physical Society
P08	AMPEGON--OCEM
S09	Ampleon Netherlands B.V.
P02	BEST PARTICLE THERAPY / BEST CYCLOTRON SYSTEMS
P03 P07	Cosylab
S08	CPI Electron Device Business / Microwave Power Products, Inc.
P14	Dimtel, Inc.
P09 P13	EET-ITALIAN POWER TECHNOLOGY
P15	HVP High Voltage Products GmbH
S12	HVP Korea Co., Ltd.
P06	Metrolab Technology SA
P05	MICROWAVE TECHNIQUES LLC
P12	Norcada
P10	PANTECHNIK
S10	PULSED POWER JAPAN Laboratory Ltd.
S01	R&K Company Limited
P16	RadiaSoft LLC
S07	ScienceWorks Co., Ltd.
P01	SmartAct GmbH
S02	SPINNER GmbH
P11	Stangenes Industries, Inc.

P27	AFT microwave GmbH
M1	APCK (Accelerator Parts Cooperative of Korea)
	VITZRO NEXTECH / SCIENCE PROBE
S15	Applied Physical Electronics, LC
S17	AURION ANLAGENTECHNIK
P25	Canon Electron Tubes & Devices Co., Ltd.
P18	CRYOELECTRA
P20	DANFYSIK
P29	DB SCIENCE
P19	Diversified Technologies, Inc.
P31	ELETTRA SINCROTRONE TRIESTE
S14	FMB Feinwerk- und Messtechnik GmbH
P32	IECO – Scanditronix
P28	Instrumentation Technologies
P21	Kyma S.p.A.
S16	LUVATA
M2	NSRRC (Taiwan Photon Source)
P30	NTG – Neue Technologien GmbH & Co. KG
P23	SAES Getters S.p.A.
S18	ScandiNova – Microwave Amps
P22	SIGMAPHI
P26	SYES S.R.L.
P17	Teledyne e2v
P24	Tesla Group
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T6	Highlight Tech Corp. (Htc) 日揚科技
T7 T8	Taipei Veterans General Hospital 臺北榮總
T9	Mini-Circuits Taiwan Ltd. 明凱科技

Emblematic Animals of Taiwan



The Taiwan blue magpie—also called the Formosan blue magpie, Taiwan magpie, or the poetic "long-tailed mountain lady"—is a striking bird of the crow family, endemic to Taiwan. It inhabits broadleaf forests at mid-elevations and is known for its intelligence, boldness, and social behavior. Measuring 63–68cm in length, it features a 34–42cm tail, and weighs around 254–260g. With vivid blue plumage, a black head, red beak and legs, and a graceful tail, it is a favorite of birdwatchers. Taiwan blue magpies typically travel in small flocks, displaying coordinated flight and loud, distinctive calls. Celebrated for both their beauty and ecological role, they have become a symbol of Taiwan's rich biodiversity and cultural identity.



The Taiwan Cherry Salmon (*Oncorhynchus masou formosanus*), also known as the Formosan landlocked salmon or Lishan trout, is a critically endangered freshwater fish endemic to Taiwan. Revered by the Indigenous Tayal people as the Slamaw trout, it inhabits cold, clear mountain streams above 1,500 meters within Shei-Pa National Park. It thrives in pristine waters where temperatures stay consistently below 17°C. Measuring 15–30cm and adorned with delicate pink spots, it is the southernmost wild salmonid found in Asia. A relic of the Last Ice Age, it became landlocked as lower-altitude rivers warmed. Today, the Taiwan Cherry Salmon serves as a flagship species for freshwater conservation, representing Taiwan's commitment to protecting its unique and fragile mountain ecosystems.



The Taiwan Black Bear—also known as the Formosan Black Bear or white-throated bear—is Taiwan's only native bear species and the island's largest land mammal. Endemic to Taiwan, it dwells in remote forested mountain regions and is rarely seen in the wild. This elusive species is easily identified by its dense, glossy black fur, especially thick around the neck, and a distinctive white or yellowish "V"-shaped chest patch, earning it the nickname "lunar bear". Adult males weigh between 60 and 200kg, with head lengths of 26–35cm; females are smaller. More than a wildlife species, the Formosan Black Bear is a cultural symbol and national treasure, representing Taiwan's natural heritage, resilience, and the enduring connection between its people and the environment.

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The National Synchrotron Radiation Research Center (NSRRC), Taiwan's largest shared research facility, is located in Hsinchu Science Park, Taiwan's "Silicon Valley." It operates two synchrotron light sources. Taiwan Light Source (TLS), operating since 1993, features a 1.5 GeV storage ring optimized for vacuum ultraviolet and soft X-rays.

Taiwan Photon Source (TPS), launched in 2016, featuring a comprehensive accelerator system where electrons are generated by a 90-keV gun, accelerated to 150 MeV, then boosted to 3 GeV in a 496.8-meter booster ring by utilizing advanced RF cavities. These electrons are injected into a 518.4-meter low-emittance storage ring, with a top-up injection scheme maintaining a stable 500-mA beam current for high-brilliance X-ray production.

With over 40 beamlines, NSRRC serves 2,800+ global users annually facilitating research across diverse fields such as physics, chemistry, and nanotechnology. It also collaborates internationally, operating beamlines at SPring-8 and a neutron instrument at ANSTO.

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APCK is a one&only non-profit organization of accelerator parts manufacturing companies of Korea. We promote customer trust through joint R&D manufacturing and marketing of the best accelerator parts based on win-win collaboration of coop. members. We carry joint purchase of raw and subsidiary materials and joint sales of products to promote the right and interests of coop. members. We participate in overseas exhibitions and international conferences to advance into the global market of coop. members' products contributes to the promotion of national interests. To strengthen networking, information exchange, seminars, meetings, etc. among coop. members.



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Nodica Group consists of four specialised businesses: ScandiNova Systems, Scanditronix Magnet AB, IECO International Electric Company Oy (IECO) and Microwave Amps Ltd. Headquartered in Uppsala, Sweden, and with a dedicated team of over 240 employees globally, the Group is a leading provider of advanced power electronics and pulsed power subsystems. Our solutions drive innovation in MedTech, industry, and scientific research. With our broad product portfolio of innovative high-end power solutions, we deliver cutting-edge technology that enhances quality, performance, and sustainability for our customers.

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Flexibility, stability, precision and customization of power supplies are EEI flagship, from the particle accelerators e-magnets feeding to the coils feeding in Nuclear Fusion experiments.



Western Superconducting Technology Co.,Ltd. (WST) was established in Economic and Technological Development District, Xi'an, Shaanxi Province in 2003 with a registered capital of 68.1 million USD, WST is the main R&D and Production base of special titanium alloy and superalloy materials for aerospace, medical and other fields in China, and the only low temperature superconducting alloy bar and wire production complete flow process enterprise in the world.

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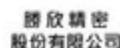
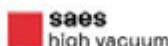
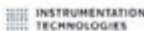
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IPAC'25 Student Grants

Student grants are generously supported by laboratories and institutions from Asia, Europe, and the Americas. A limited number of grants will be awarded to students specializing in accelerator science to support their participation in the conference. Each grant will cover the conference registration fee and provide a per diem allowance to assist with accommodation and meal expenses during the event.

Recipients by Region

Asia

• Zhao, Yong	Institute of Modern Physics, Chinese Academy of Sciences
• Singh, Saumya	Lucknow University
• SAYED, MAHAZBEEN	Rajiv Gandhi Proudhyogiki Vishwavidyalaya
• Almas, Fareeha	University of Queensland
• Chong, Tsun Him	Osaka University
• Gao, Zihe	Shanghai Institute of Applied Physics
• Huang, Chia-Heng	National Central University
• Pushkarna, Paarangat	The University of Melbourne
• Yang, Yimin	University of Science and Technology of China
• Huang, Yuejing	University of Science and Technology of China
• Kim, Junha	Pohang Accelerator Laboratory
• liu, chihkai	National Central University
• Zeng, Yifeng	Huazhong University of Science and Technology
• Jaikaew, Phanthip	Chiang Mai University
• Singhal, Priyal	Panjab University
• Zhang, Zi-Jing	University of Science and Technology of China
• Liang, Zehua	Institute of Modern Physics, Chinese Academy of Sciences
• Ni, Lanpeng	Shanghai Institute of Applied Physics
• Xu, Chenzhi	Shanghai Institute of Applied Physics
• Yan, Bingyang	Shanghai Institute of Applied Physics
• Wang, Yanxu	Chinese Academy of Sciences
• Shali, Ahsani Hafizhu	Osaka University
• Kodno, Ayaka	Nagoya University
• Yang, Yuxuan	UVSOR Facility
• Kurata, Mizuki	Nihon University

IPAC'25 Student Grants

EMEA

• Angelis, Yannis	Aristotle University of Thessaloniki
• Batista, Laury	Paris Saclay University
• Bingol, Baris Emre	University of Strathclyde
• Broggi, Giacomo	Sapienza Università di Roma
• Cortés García, Edgar Cristopher	Hamburg University
• de la Fuente, Elena	Universidad Politecnica de Madrid (UPM)
• Dedic, Benjamin	Goethe University Frankfurt
• Desire Valdor, Paula	University of Groningen
• Donoso, Felipe	KIT
• Feigin, Leon	Ariel University
• Gibellieri, Dora	University of Caen Normandy
• Hashemnejhad, Maryam	Khajeh Nasir Toosi University of Technology
• Jagabathuni, Satya Sai	University of Geneva
• Kamath, Rohan	Imperial College London
• Karlsen-Bæck, Birk Emil	University of Rome, La Sapienza
• Lauterbach, Annemarie	Goethe University Frankfurt am Main
• Lu, Anton	Technische Universität Wien
• Marchi, Mariangela	Sapienza University of Rome
• Margreiter, Thomas	TU Wien (Vienna University of Technology)
• Martínez López, Eduardo	Universidad de Valencia
• McCallum, Mark	Royal Holloway University of London
• Moreno, Gabriela	Research Centre for Energy, Environment and Technology, CIEMAT
• Musat, Vlad	The University of Oxford
• Pedraza, Laura Karina	Universidad de Valencia
• Salvesen, John	University of Oxford
• Sansipersico, Vincenzo Alberto	Riga Technical University
• Sauret, Antonin	Université Grenoble Alpes
• Sito, Leonardo	University of Napoli Federico II
• Soos, Roxana	Univeristé Paris Saclay
• Stocchi, Federica	University of Roma Tor Vergata
• Veres, Dora	Goethe University Frankfurt
• Demydenko, Ilia	V. N. Karazin Kharkiv National University
• Petersson, Alfred	JUAS

IPAC'25 Student Grants

America

- Aneke, Emmanuel
 - Babacan, Betiay
 - Bachhawat, Nikhil
 - Flint, Abigail
 - Franklin, Daniel
 - Fung, William
 - Garcia, David
 - Hamwi, Eiad
 - Hirschman, Jack
 - Howard, Katrina
 - Kelham, Spencer
 - Landon, Parker
 - Mwaniki, Matilda
 - Owusu, Peter
 - Sherman, Julia
 - Silveira, Otávio
 - Sinha, Deeksha
 - Temizel Ozdemir, Buse Naz
 - Tran, Anthony
 - Wieland, John
 - Yates, Stephen
- Northwestern University
Illinois Institute of Technology
Stony Brook University
Cornell University (CLASSE)
Northern Illinois University
Facility for Rare Isotope Beams
Particle Beam Physics Lab (PBPL)
Cornell University (CLASSE)
Stanford University
University of Chicago
Northern Illinois University
Boston University
Illinois Institute of Technology
Arizona State University
Wellesley College
Universidade Federal de Lavras
Northern Illinois University
Northern Illinois University
Facility for Rare Isotope Beams, Michigan State University
Michigan State University
Triangle Universities Nuclear Laboratory

Special Sessions and Poster Schedule

Student Poster Session Sunday, 1 June, from 14:00 to 18:00
Poster Sessions Monday to Wednesday (2–4 June), from 16:00 to 18:00 Thursday, 5 June, from 15:30 to 17:30
Productive Research Environment (PRE) Session Tuesday, 3 June, from 17:50 to 20:30
Industry Session Wednesday, 4 June, from 14:00 to 15:00
Entertainment Session Thursday, 5 June, from 15:00 to 15:30

Sponsor Presentations

ScandiNova System Monday, 2 June, 16:00
ALD Vacuum Technologies GmbH Tuesday, 3 June, 10:30
Cosylab Tuesday, 3 June, 16:00
TRUMPF Hüttinger GmbH + Co. KG Wednesday, 4 June, 12:30

Satellite Meetings

Date	Time	Meeting Name	Open/Closed	Room
Saturday 31 May	08:50 17:10	Insertion Devices for Future Light Sources Workshop (ID25)	By Registration	TWTC 2F Room A+
Sunday 1 June	08:50 13:10			
Tuesday 3 June	08:30 10:30	APS/PRAB Authors' Tutorial	OPEN	TICC 3F South Lounge
	12:30 14:00	IPAC Coordination Committee Meeting and Lunch	By Invitation	TICC 1F Room 106
	16:00 17:00	IPAC'25 - ACFA meeting	By Invitation	TICC 1F Room 106
	17:50 20:30	Meet the APS/PRAB Editors Reception	OPEN	TICC 1F Room 101 C/D
	20:30	Productive Research Environments Reception	OPEN	TICC 1F Room 102
	18:30 20:00	IPAC'26 Exhibitor reception	By Invitation	TICC 4F VIP Room
Wednesday 4 June	12:30 14:00	JACoW Stakeholders Meeting	By Invitation	TWTC 2F Room A+
	18:00 20:30	Electron Ion Collider (EIC) Accelerator Collaboration	OPEN	TICC 1F Room 102
	18:30 20:00	IPAC'25 Organizing Committee Dinner	By Invitation	Grand Hyatt Hotel 1F
Friday 6 June	13:30 17:00	IPAC'26 Scientific Programming Committee	By Invitation	TWTC 2F Room A+

Poster Sessions

Student Poster Session

• Hours and Location

Sunday, June 1, from 14:00 to 18:00 (setup at 13:30-14:00)

The student poster session on Sunday will take place at the Taipei World Trade Center (TWTC). Posters presented during this session will be eligible for consideration for the Best Student Poster Prize.

Student posters will be presented twice during the conference: once during the dedicated student poster session and again during the regular poster sessions.

All students receiving a grant to attend the conference must present their work during the student poster session and to submit a contribution to the conference proceedings.

• Prizes and Judging

The student poster session is separate from the main poster sessions and offers a valuable opportunity to showcase your work. During this session, posters will be evaluated by judges for the Student Poster Prize. All participating students are expected to be present at their posters from 14:00 to 18:00 to engage with judges and early-arriving conference delegates.

An evaluation committee will assess the student posters and select the winners of two conference prizes for Best Student Poster, each awarded \$500. The main evaluation criteria will be overall quality and technical merit. The prizes will be presented during the Award Session, held on Thursday, June 5, in Room 101 at the Taipei International Convention Center (TICC).

Main Poster Sessions

• All poster areas are on the ground floor of the TWTC exhibition hall. Poster boards will be available daily from 09:00.

• **Presenters must hang their posters during the morning coffee break of their assigned session**, allowing delegates to review them beforehand and prepare specific questions.

• Presenters must take down their posters after each session. Posters left on boards after 18:15 will be removed.

Monday, 2 June	16:00 - 18:00 (Setup from: 9:00)
Tuesday, 3 June	16:00 - 18:00 (Setup from: 9:00)
Wednesday, 4 Junes	16:00 - 18:00 (Setup from: 9:00)
Thursday, 5 June	15:30 - 17:30 (Setup from: 9:00)

TWTC Exhibition Hall

Poster Area: M, B, S

Productive Research Environment Session

Join us for this session, where we will explore strategies to foster a more productive and dynamic research environment. Our key objectives include:

- Share effective approaches and research environments that lead to productive outcomes.
- Attract younger and mid-career professionals to the accelerator community.
- Enhance productivity and contribute more effectively to society by leveraging a strong pool of human resources.

PRE Coordinator:

- Dr. Yoichi Sato - KEK / J-PARC
- Dr. Mika Masuzawa - KEK / SuperKEKB

PRE Presenters and Panelists:

- Dr. Ángeles Faus-Golfe - Université Paris-Saclay, CNRS / IN2P3, IJCLab
- Dr. Somjai Chunjarean - Synchrotron Light Research Institute
- Dr. Mika Masuzawa - KEK / SuperKEKB
- Dr. Ryoichi Hajima - National Institutes for Quantum Science and Technology
- Dr. Raffaella Geometrante - Kyma SpA

Additional Panelist:

- Dr. Francis Pérez - ALBA Synchrotron

Tuesday, 3 June	17:50 - 20:50	TICC, 1st floor, Conference Room 102
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The reception begins at 17:30, followed by talks at 18:30, with light refreshments served after the talks.

Industry Session

Industry session: Spark innovation through cooperation between academia and industry.

- **Applications of High Impedance Magnetic Alloys**

Dr. Chihiro Ohmori, KEK / J-PARC

- **Student Perspectives on Career Pathways**

Mr. John Patrick Salvesen, University of Oxford / CERN

- **Building Taiwan's First Heavy Ion Therapy Center: Lessons from a Partnership with Ruentex, Hitachi, and NSRRC**

Dr. Ching-Sheng Liu, Kaohsiung Veterans General Hospital / Kaohsiung Medical University

Wednesday, 4 June	14:00 - 15:00	TICC, Room 101
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Entertainment Session



Title : Why Did My Ancestors Leave Taiwan?

Speaker : Prof. Futuru Tsai, Director of National Museum of Prehistory, Taiwan

The Mother Island of the Austronesian-Speaking Family. A Māori friend from Aotearoa(New Zealand), when invited to participate in cultural exchanges with the Amis indigenous tribe in the southeastern part of Taiwan in 2024, said to the local Amis friends: "Why did my ancestors leave Taiwan?" The migrations that began 6000 years ago the Austronesian-speaking family gradually move to the Pacific, even reaching the Indian Ocean. What stories unfolded as they spread outward from Taiwan? Today, Taiwan's indigenous peoples, as members of the Austronesian family, how are they reconnecting with the various Austronesian peoples across these islands?

Thursday, 5 June	15:30 - 16:00	TICC, Room 101
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Social Events

Welcome Reception included in the registration fee



Sunday, June 1, 2025 / from 6:00 to 8:00 pm



IPAC'25 VENUE

Ground Floor, TAIPEI INTERNATIONAL CONVENTION CENTER

- informal standing cocktail with Taiwan delicacy



Conference Banquet included in the registration fee



Thursday, June 5, 2025 / from 6:45 to 9:00 pm



HOTEL GRAND HILAI

NO. 168, JINGMAO 1ST RD., NANGANG DIST., TAIPEI

Direction: From the conference venue, take the MRT Red Line and connect to the Blue Line at Taipei Main Station (R10/BL12). Take the Blue Line bound for Nangang, get off the train at the last stop Taipei Nangang Exhibition Center. Take Exit 3 or 4, walk along Jingmao 1st Road about 400m.

- seated dinner in one of the most splendour hotel



Facility Tours



National Synchrotron Radiation Research Center

Taiwan Photon Source

Taiwan Photon Source is a 3-GeV third-generation synchrotron light source that serves as a bright source of X-rays, providing an exhilarating vision of Taiwan's scientific and technological developments.

- 🕒 Departure at 1:30 pm from the Convention Center.
Estimate time return to Taipei between 6:30~7:30 pm, depending on traffic.
- There is limited number of 150 seats available.
- 📍 No.101 Hsin-Ann Road, Hsinchu Science Park, Hsinchu, Taiwan



Taipei Veterans General Hospital

Heavy Ion Therapy Center

Taipei Veterans General Hospital's Heavy Ion Therapy Center offers advanced cancer treatment, using a compact heavy ion accelerator and precise scanning irradiation system, ensuring patient-friendly and secure care.

- 🕒 Departure at 1:30 pm from the Convention Center.
Estimated time of return to Taipei at 4:30 pm.
- There is limited number of 100 seats available.
- 📍 No.201, Sec. 2, Shipai Rd., Beitou District, Taipei City, Taiwan



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General and Local Information

Public Transportation



- [Metro Taipei \(Taipei MRT\)](#) and [City Buses in Taipei](#)

Taipei city has a convenient public transportation system based on the MRT and city buses. Visitors can get around the city easily by the public transport. Most local residents use the [EasyCard](#) (a value-stored IC card) to ride the MRT/bus, rent a [YouBike](#), or even pay food and drinks in all convenience stores. Please be aware that it is NOT allowed to smoke, eat or drink in the MRT stations and the MRT trains. Violators will be fined for NT\$1,500. The EasyCard can be purchased at the airports, MRT stations, and convenience stores.

- Travel Pass Discounted Ticket (One-Day, Multi-day Pass, [and more](#))
- Joint Tickets (Taipei Metro & Taoyuan Airport MRT [and more](#))



- [Taxi](#)

Taipei has a huge fleet of taxis. Charges are NT\$85 for the first 1.25km and NT\$5 for every 200 meters. An additional NT\$5 is charged for every two minutes of waiting, and a 20% surcharge is added to fares between 11 pm and 6 am. All fares appear on the meter, except for a NT\$10 charge for cabs dispatched by phone and each piece of luggage placed in the taxi trunk. Tips are not required.



- [Youbike](#)

The Taipei Bike Sharing System is abbreviated as YouBike. It uses an unmanned automated management system to provide "A Leases and B Returns" 24- hour bike rental service in the hope that the citizens will choose bikes as their short-distance transit vehicles. You may rent a Youbike either as a Member or a Single rental user. Single Rental users can use Kiosks at each station to rent a bike and use credit cards to pay usages fees. The rate is NT\$10 per 30 minutes within the first 4 hours, NT\$20 per 30 minutes between 4 to 8 hours, and NT\$40 per 30 minutes exceeding 8 hours.

Metro Route Map



How to reach the Venue from Taipei City?



By MRT

Get off at R03 "Taipei 101 / World Trade Center" station

From Taipei 101 / World Trade Center Station Exit 1, it takes about a 3-minutes walk to reach TICC / TWTC.



By Taxi

Taxi fare is based on the meter and the fare starts at NT\$85 for the first 1.25 km with an additional NT\$5 charge per 200 meters.

Highway tolls are not included. A one-way taxi fare between the airport and Taipei City is around NT\$1,200-NT\$1,500.

Taipei World Trade Center (Hall 1, Zone A) ,

Address: 5 Hsin-Yi Road, Section 5, Taipei 11049, Taiwan ROC



By City Bus

From the bus station, it takes about a 5-minute walk to reach TICC / TWTC.

- Bus 20, 37, 284, 284 Express, 611, 650, 935, 1032, 1503, 1551, 1552, 2025, 9001, 9009
Get off at World Trade Center (Keelung Road)
- Bus 20, 22, 33, 226, 1, 288, 292, 797, 1503
Get off at Xinyi Guangfu Intersection
- Bus 28, 281, 537, 647, 915
Get off at MRT Taipei 101 / World Trade Center Station (City Hall Rd.)
- Bus 207, 797
Get off at MRT Taipei 101 / World Trade Center Station (Xinyi Rd.)

Good to Know



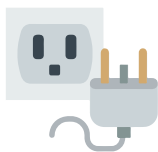
Weather

Taiwan has a tropical maritime climate with hot summers and mild winters. The average temperature ranges from 30-35°C in summer and 20-25°C in winter. There is a high level of humidity throughout the year.



Time Zone

All territories in same time zone, GMT +8 hours (no seasonal adjustments).



Electricity

Taiwan uses electric current of 110 volts at 60 cycles, appliances from Europe, Australia or South-East Asia will need an adaptor or transformer.



Currency

The official currency in Taiwan is the New Taiwan Dollar (NT\$). Foreign currencies can be exchanged at government-designated banks and hotels. Major credit cards such as American Express, Master Card, and Visa are accepted and traveler's checks may be cashed at foreign-exchange banks, some tourist-oriented businesses, and most international tourist hotels.



Tipping

Tipping is not customary in Taiwan, but some hotels and restaurants automatically add a 10% service fee to the bill.



Tax / VAT

VAT Refund Requirements:

- Eligible Applicants: Foreign travelers who enter the R.O.C. (Taiwan) with the following documents and stay for no more than 183 days from the date of Arrival:
 1. Passport of a country other than the R.O.C. (Taiwan)
 2. R.O.C. (Taiwan) passport without personal ID No. recorded.
 3. Travel documents.
 4. Exit & Entry permit.
 5. Temporary entry permit.

- Requirements for VAT Refund:

With the entry document, foreign travelers who make purchases of at least NT\$2,000 on the same day from the same designated stores with the "Taiwan Tax Refund"-label are eligible to request the "Application Form for VAT Refund." To claim the refund, they must apply at the port of their departure from the R.O.C. (Taiwan) within 90 days following the date of purchase, and they must take the purchased goods out of the country with them.

[More Information](#)



Health System

Ranked as one of the best universal health care systems globally, Taiwan prides itself on having over 99% of its population coverage to residents and nationals. Satisfaction rates have an approval rating of over 80%, and many English-speaking doctors are available for any health concerns.

Visitor Safety Information

Emergency Telephone Number

Purpose	Tel. No.	Note
Emergency Telephone Number	112	For emergency services, dial 112 free of charge from any fixed-line or mobile phone.
Fire Department	119	Fire, injury or accident, or other urgent matters dial 119 for which emergency relief is needed.
Police	110	Crimes, traffic accidents, and other incidents dial 110 for which police assistance is needed.
Scam Watch	165	Reporting fraud/Free consultation dial 165 for fraud victims.
Women and Children Protection Hotline	113	Dial 113, 24-hour emergency assistance, legal information, and psychological support services for victims of domestic violence and/or sexual assault.

Hospitals (Near Conference venue)

Hospital	Address / Website	Telephone
Adventist Hospital 臺安醫院	No.424, Sec.2, Bade Rd., Songshan Dist., Taipei City 105 https://www.tahsda.org.tw/en/main.php	02-2771-8151
Cathay General Hospital 國泰醫院	No.280, Sec. 4, Renai Rd., Daan Dist., Taipei City 106 https://en.cgh.org.tw/ec99/rwd105/category.asp?category_id=1	02-2708-2121
Central Clinic Hospital 中心綜合醫院	No.77, Sec. 4, Zhongxiao E. Rd., Daan Dist., Taipei City 106 https://clinic.org.tw/imc/en/	02-2751-0221
Chang-Gung Memorial Hospital 台北長庚醫院	No.199, Dunhua N. Rd., Songshan Dist., Taipei City 105 https://www.cgmh.org.tw/eng	02-2713-5211
Mackay Memorial Hospital 台北馬偕醫院	No.92, Sec. 2, Zhongshan N. Rd., Zhongshan Dist., Taipei City 104 https://www.mmh.org.tw/en/home.php	02-2543-3535
National Taiwan University Hospital 台大醫院	No.7, Zhongshan S. Rd., Zhongzheng Dist., Taipei City 100 https://www.ntuh.gov.tw/ntuh/Index.action?l=en_US	02-2312-3456
Tri-Service General Hospital Songshan Branch 三軍總醫院 松山分院	No.131, Jiankang Rd., Taipei 105 https://www.tsgh.ndmctsgh.edu.tw/	02-2764-2151

Foreign Representative Offices in Taiwan

Please find the national flags of the countries you are looking for, along with the corresponding representative offices in Taipei.

Foreign representative offices in Taiwan

<https://en.mofa.gov.tw/CountryAreaInfoEn.aspx?CASN=5&n=1287>

~ 亞太地區



~ 亞西地區



~ 歐洲地區



~ 非洲地區



~ 北美地區



~ 拉丁美洲及加勒比海地區



TAIPEI

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GOODIES FOR FOODIES



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國家同步輻射研究中心
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