

ALCW2015

SRF working Group

Hayano

ALCW2015

20 April 2015 – 24 April 2015

KEK, Tsukuba

22 March :Early Registration end

Asian Linear Collider Workshop | Japan |
20-24 April '15 KEK Tsukuba

**ALCW
2015**

Asian Linear Collider Workshop 2015
KEK, Tsukuba, April 20-24

International workshop co-hosted by KEK, ACFA and LCC, to study the physics and detectors and the implementation of future linear electron positron colliders.

On April 22, a special symposium "ILC Tokyo Event" at the University of Tokyo as a part of the workshop.

**ILC Tokyo Event :
Wednesday, April 22, 2015**

- Main plenary session of ALCW2015
- Lectures and a panel discussion for ILC in Japan
- ILC Food Festa: enjoy the cuisine from the countries of the signatories to the ILC TDR

Illustration : Rey Hori

International Organizing Committee

| | | |
|--|-----------------------------|-----------------------------|
| Ties Behnke (DESY) | Bum-Hoon Lee (Sogang) | Tohru Takahashi (Hiroshima) |
| Brian Foster (DESY / Hamburg / Oxford) | Kajari Mazumdar (TIFR) | Maksym Titov (CEA Saclay) |
| Keisuke Fuji (KEK) | Akiya Miyamoto (KEK) | Yifang Wang (HEP, Beijing) |
| Jie Gao (IHEP, Beijing) | Mitsuaki Nozaki (KEK) | Harry Weerts (ANL) |
| Christophe Grojean (Barcelona / DESY) | Yasuhiro Okada (KEK, Chair) | Andy White (UT Arlington) |
| Michael Harrison (BNL) | Michael Peskin (SLAC) | Akira Yamamoto (KEK) |
| Wei-Shu Hou (NTU, Taipei) | Steinar Stapnes (CERN) | Hitoshi Yamamoto (Tohoku) |
| Kyotomo Kawagoe (Kyushu) | Geoffrey Taylor (Melbourne) | Satoru Yamashita (Tokyo) |
| Sachio Komamiya (Tokyo) | | |

Local Organizing Committee

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|-----------------------------|-----------------------------|
| Sakae Araki (KEK) | Hiroataka Nakai (KEK) |
| Junpei Fujimoto (KEK) | Toshiyuki Okugi (KEK) |
| Nobuko Kobayashi (KEK) | Tsunehiro Omori (KEK) |
| Shigeru Kuroda (KEK) | Takayuki Saeki (KEK) |
| Hitomi Kusama (KEK) | Masato Satoh (KEK) |
| Toshihiro Matsumoto (KEK) | Tomiko Shirakata (KEK) |
| Akiya Miyamoto (KEK, Chair) | Rika Takahashi (KEK) |
| Kazuko Nagai (KEK) | Tohru Takahashi (Hiroshima) |



<http://www-conf.kek.jp/alcw2015/>



Accelerator Session

| | Monday 20-Apr | Tuesday 21-Apr | Tokyo Event Wednesday 22-Apr | Thursday 23-Apr | Friday 24-Apr | Key | |
|-------|--|--|------------------------------------|--|--|-----------------|-----------------|
| 9:00 | Registration | BDS-II: optics | | Main Linac / BC (TBC) FM and beam loss (TBC) | SRF I | Sources | |
| 9:30 | Opening joint | Tuning optimisation for FFS | | | <i>parallel</i> | <i>parallel</i> | |
| 10:00 | plenary | Tolerance studies with FFBK BDS optics comparisons tbd | | CFS: ARUP meeting (Tokyo) | Sources (TBC) <i>Addition 4.5 hours requested in parallel</i> | SRF II | Sources |
| 10:30 | Coffee | | | | | <i>parallel</i> | <i>parallel</i> |
| 11:00 | Machine overviews Status: site-dependent design Status: ADI / CR Status ATF2 Structure of workshop & goals | CR-2 L* Final Review Detector solutions: ILD Detector solutions: SiD Baseline lattice, performance, issues CRP close-out / recommendations | | Lunch | | | |
| 12:30 | Lunch | | | | | | |
| 14:00 | BDS I/MDI I IR solenoid compensation BDS bkgnds & collimation BDS polarimetry tbd | CR-4 Tunnel Extension Presentation of proposal Scope and charge of CRP Impact on tunnel and access layout Schedule implications Next steps / discussion | | Central Region Overview of TDR layout Adopting Kamaboko tunnel TDR lattice release status Change Register Review | SRF III | Sources | |
| 15:30 | Coffee | | | Coffee | <i>parallel</i> | <i>parallel</i> | |
| 16:00 | CR-3 CIT report Implementation status Next steps (beyond CR-003) | Joint Plenary ?? (undefined) | | Joint Closing Plenary | | | |
| 16:30 | MDI-II: Surface & Infr. IR surface buildings Transportation status /update | | | | | | |
| 18:00 | | | | | | | |

KEK

Tokyo

KEK

SRF Working Group

Development update (cavity, tuner, coupler, mag.shield,
cryomodule, HLRF, LLRF, etc)

SRF Facility/SRF Accelerator update (LCLS-II, KEK-SRF,
EP, Clean-room, etc)

Green-ILC technologies(high efficient, low loss,
Energy managemnt, etc)

* Fuze connection available

22-April

Tokyo Symposium

At this special symposium, you can catch the latest news about moves towards the realization of the ILC with invited speakers from various fields.

The symposium is open to everybody but the advance or onsite registration are required for non-registrants of [ALCW2015](#). Many people outside the HEP community are expected to come. Let's get together and discuss ILC in Japan. A simultaneous translation between Japanese and English will be provided. The Symposium is held at [Ito International Research Center, Hongo Campus, the University of Tokyo](#) in the afternoon.

08:00 - 10:00

Bus to Tokyo

10:30 – 12:15

Report on LCC, ILC-acc
LCC-physics, etc
(Tokyo Univ.)

12:30 – 14:00

Lunch

14:00 – 17:30

Special Symposium
Public event
(Tokyo Univ.)

18:30 – 20:30

Food Festa
(Hotel New Otani)

21:00 – 22:30

Bus to KEK

Food Festa ~ Taste of Discovery ~

In the evening, Food Festa, organizers named it "Taste of Discovery", will be held at one of the prime hotels in Tokyo, the [Hotel New Otani](#), where cuisine from the countries from which scientists are currently involved in this project will be provided. We also plan to invite guests and to have events to entertain participants. The banquet is co-organised by the [ALCW2015](#) and the ILC Tokyo Event organisers and the fee is included in the [ALCW2015](#) registration for the workshop registrants.

