



ILC News Vol. 31

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Ichinoseki Linear Collider Bulletin

English Translation

Scientists from all over the world gather in Tohoku

An international symposium for the ILC was held on February 8th at the University of Tokyo's Ito International Research Center. Satellite venues which aired the event were set up at Iwate University, Hiroshima University and Kyushu University. Six hundred participants were in attendance across all venues. Dr. Peter Higgs, who won the Nobel Prize for Physics in 2013, gave a video message, and a panel discussion was held by Dr. Makoto Kobayashi, who won the award in 2008.

Lecture on the ILC

On November 1st, the Tohoku Promotion Council organized lectures by Geoffrey Taylor, Chairman of the International Committee for Future Accelerators (ICFA), and Masanori Yamauchi of the High Energy Accelerator Research Organization (KEK). There were approximately 200 attendees.

Some points addressed:

- The ILC having a role in complementing CERN'S LHC
- The regional economy and industrial development brought about by the ILC
- ICFA's encouragement of a Japan-led ILC

Dr. Yamauchi outlined the movements following the Japanese government's expression of interest on March 7th.



Promoting local initiatives



Exhibitions for companies were held over two days from October 28th – 29th, where around 60 organizations and companies participated. Ichinoseki City jointly partook with local governments in Southern Iwate and Northern Miyagi to promote local initiatives and tourism to researchers. It uncovers our roots but also will contribute to the world in various ways. I definitely want the ILC in Japan.

Pick Up News



The second Ichinoseki Science Café

The second Ichinoseki Science Café was held on September 7th at Ichinoseki Library. This was the first project in collaboration with the Institute of Technology, Ichinoseki College. Participants interacted with the college students through crafting accessories using a 3D printer. A short lecture on the ILC was given by Satomi Fujisaki.



The third Ichinoseki Science Cafe

The third Ichinoseki Science Café was held on September 21st at Daito Library. Masao Kuriki, professor at Hiroshima University held a lecture titled 'The ILC's Real Big Bang - Science, Society and Economy'. A discussion between participants and Prof. Kuriki followed.



A special lecture given at the Institute of Technology, Ichinoseki Collage

A special lecture relating to advanced science by the International Economic Policy Committee was held on October 3rd at the Ichinoseki Institute of Technology, Ichinoseki College. Satoru Yamashita, Specially Appointed Lecturer at the International Center for Elementary Particle Physics, The University of Tokyo gave a lecture titled 'State-of-the-art Science and Technology to Solve the Mysteries of the Universe'.



Special ILC classes at junior high schools

Ichinoseki carries out special lessons on the ILC for junior high school students within the city. Throughout October and November, lectures and cloud chamber experiments were conducted at five junior high schools (Senmaya, Murone, Maikawa, Fujisawa, Iwai) by Masakazu Kurata, researcher at the Institute for Particle and Nuclear Research, High Energy Accelerator Research Organization (KEK).

News Clippings

KEK Proposes how expenses will be shared

On October 2nd, the High Energy Accelerator Research Organization (KEK) released the 'Recommendations on ILC Project Implementation' which includes international cost sharing of the ILC project. This proposal has been provided to the Ministry of Education, Culture, Sports, Science and Technology (MEXT) to serve as a reference when discussing the ILC with other countries.

ILC commentary seminar

Approximately 80 people attended the ILC commentary seminar on October 5th held by the Tohoku ILC Preparation Office and KEK at the Kawasaki Rural Environmental Improvement Center. The latest movements on the project and resident's matters of interest concerning the ILC were addressed.

The ILC Supporters resume activities



On October 15th, the ILC Supporters Rally was held in Tokyo. Founder and film director Mamoru Oshii said, "I want this big dream to become a reality and leave it for the next generation." The ILC Supporters were established last year in April, and have gathered 61 celebrity supporters and approximately 320,000 general supporters.

Challenge contest held for high school students



On October 26th, Iwate Prefecture held the Science and Engineering Challenge for High School Students in Iwate for the ILC. This contest had high school students within the prefecture present their research results in fields of either physics, chemistry, or engineering. There were six teams from four schools that gave presentations; Morioka Daiichi High School received the top governor award.



Onsite inspection by ICFA Chair

On November 3rd, ICFA Chairman Geoffrey Taylor visited the proposed construction site in Ohara, Daito. Taylor said, "It's a beautiful site, and I've confirmed that the geological features are appropriate for building the ILC."

Q & A Corner

Q: Will the ILC impact the plants and animals?

A: In the preparatory stage of construction, environmental assessments to minimize impact will take place. If there is an indication of serious impact, sufficient measures will be taken. So far, a survey on the natural environment has been conducted around the planned ILC tunnel route and a proposal for studying environmental impact assessment methods has been drafted.

Q: Will the landscape be impacted?

A: In terms of the ILC, we encourage a design that reflects the voices of the local community such as building the campus in a way that makes the most of the scenery of the undeveloped woodland near populated areas - a facility that coexists with nature.

Although the ILC's main facilities are underground, there will be laboratory facilities, entrances to access the tunnel, and preparation facilities for the experiment built above ground.

In terms of above ground facilities, in order to make sure that disasters such as landslides are not induced by construction, safety measures of the tunnel entrances, waterproofing measures, evacuation guidance equipment and disaster prevention information systems will be examined.

Examples of CERN initiatives:

Trees planted to reduce noise and conceal structures.

Buildings and cooling towers designed to be built as low as possible.

Move seedlings grown for 5 years to the access area to harmonize with the buildings and landscape.

Bell's Corner

Ichinoseki/Hiraizumi Garbage Sorting Application

If you are like me, you may have a collection of garbage in your house which you have no clue how to dispose of, or perhaps sorted bags of trash just sitting there because you were unaware of the collection day!

Thankfully, there's now an application to download on your smartphone or tablet which can instruct on disposal methods of individual items, alert you when collection days are (for every category of trash) and clearly display the monthly disposal calendar. Best of all, it's available in English too!

iphone



Android



What brought you to Ichinoseki?



Naomi Suzuki (46) Korea

Occupation: Korean language teacher

Interests: Cooking, pottery

Favorite place: Home (I love the scenery that I can see from my house)

Favorite food: spicy foods

Favorite event: The Town of Genbi's 'Mukasari Gyoretsu'

Marriage is the reason why I moved to Hanaizumi, Ichinoseki. These 13 years have flown by so quickly! Since living in Japan I have been able to challenge myself more. I married into the family that owns Shirayamahime Shrine where I assist with a lot of shrine rituals. By doing so, I have learnt of many wonderful, Japanese traditions. I strive to further understand shrine work.

By living in a foreign country, I realized that there were many things I took for granted, I had the chance to rediscover my own country and see things from a different perspective. At present, I run Korean language classes, cooking classes, participate in international/cultural events, and do translation work.

I enjoy making things so I took up pottery and am looking into starting woodworking. My goal is to build a cooking business and to succeed along with my friends.