



# ILC News Vol. 23

DEC. 2017

Ichinoseki Linear Collider Bulletin

English Translation

## Ichinoseki Science Café was held



The 2nd session of the Science Café was held at Fujisawa Citizen Center on September 9th. 25 people attended including elementary and junior high school students. Lecturer Aoki explained the contents of the research in a way that the students could relate to such as comparing the size of the High Energy Accelerator Research Organization (KEK) with Tokyo Disney Resort. In a relaxed atmosphere, elementary school students were able to ask questions; Mr. Aoki explained using simple language and making use of the whiteboard.

## I will answer all your questions



26 participants attended the third session this year which was held at Murone Fureai Center. Associate Professor Mr. Sanuki explained the details of the International Committee for Future Accelerators' (ICFA) report and stated the significance of commencing the project initially from 20 km in total and the need to expand in the future. Participants showed high interest as they exchanged opinions, many having questions about the ILC and relative theory.

## Pick Up News

### ILC introduced at Vacuum Exhibition 2017



On September 6-9th the Vacuum exhibition 2017 Pacifico Yokohama was held. The "International Linear Collider Planning Exhibition" introduced the ILC and its candidate site through exhibitions, VR (virtual reality) experiences and special lectures.

## ILC Special Lecture at the National Institute of Technology, Ichinoseki College

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The International Economic Policy Committee held a special ILC meeting on October 4th at the National Institute of Technology, Ichinoseki College. Professor Satoru Yamashita (professor at ICEPP, University of Tokyo) lectured on "Advanced Science and Technology to solve the Mysteries of the Universe". Professor Yamashita and the students exchanged their ideas.

## ILC Special Lessons for junior high school students

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Special classes continue to be carried out across the city. On September 12th-13th, Professor Masakazu Kurata, a researcher at KEK, lectured and conducted cloud chamber experiments for second graders at Sakuramachi Junior High School, Daito Junior High School and Murone Junior High School.

## Commemorative lecture

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The 44th Prefectural training of Iwate Prefecture's public schools retirees' was held on September 14th. Professor Hiyano Hitoshi gave a commemorative lecture about the ILC at the Higashiyama Exchange Centre. About 200 people attended Professor Hitoshi's lecture on the ILC and the future of humanity..

## News Clippings

### The International Committee for Future Accelerators' statement

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The International Committee for Future Accelerators (ICFA) involving directors of the world's major accelerator laboratories held a conference in Canada from November 6th to 9th. "Staging" to gradually complete the ILC was announced.

Within the statement;

We welcome and support "staging", starting at 20kms and gradually expanding it to its total length.

Precise measurements of the Higgs particle will provide excellent scientific results. We strongly encourage the realization of the ILC as an international project lead by Japan.

\* Staging: Breaking the ILC's construction into separate phases, starting off with a smaller accelerator and gradually adding length and power to it. The approach is now to start off with a smaller collider in the first stage.

## Open lecture held in Morioka

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The Iwate Prefecture ILC Promotion Council held a public lecture at a hotel in Morioka on September 27th. Professor Satoru Yamashita (professor at ICEPP, University of Tokyo) gave a lecture about the theme “the Current Situation of the ILC and Regional Creation Centered on the ILC”. Professor Shinya Narita (professor at Iwate University, Faculty of Science and Engineering) gave a lecture on PR activities promoted by the Tohoku ILC preparation Office. 200 people were in attendance.

## LCWS 2017

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The Linear Collider Workshop (LCWS), an international conference on linear colliders, was held in France from October 23rd to the 27th. The Tohoku Conference for the Promotion of the ILC set up booths to introduce the activities of Tohoku and expressed their enthusiasm for the realization of the ILC to the world's researchers.

## Inspection tour

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The Iwate Prefectural Organization, organized by members of Iwate Prefecture residing in Sendai City, Miyagi Prefecture conducted an inspection tour. The members observed the flags and signboards that Okutama Elementary School created to support the realization of the ILC.

## ILC technical seminar

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The Iwate Accelerator Related Industries Research Society held an “ILC Technical Seminar” on November 28th at Bellino Hotel Ichinoseki. About 70 people from the prefecture including companies, research institutes and administrative officials participated in the lecture given by Professor Hisashi Hayano of KEK.