



# ILC News Vol. 30

Sept. 2019

Ichinoseki Linear Collider Bulletin

English Translation

## Ichinoseki Science Café x Kids Science 2019



The first "Ichinoseki Science Cafe" of the year was held on August 3rd. "Kids Science 2019" was a collaborative project with the South Iwate Research Center of Technology. Thirty-two elementary school students from the city participated. Assistant professor Takashi Yamanouchi of the National Institute of Technology, Ichinoseki College taught students about the mysteries of water, such as the properties of water being solid, liquid and gas. In the experiment, a fountain device was made by combining two plastic bottles. The students were surprised as water blew up like a

fountain when water and dry ice were placed in the plastic bottles.

## Junior high school students experience cutting-edge science training



From August 5-7th, a science experience (hosted by the Ichinoseki City Board of Education) was held over three days. This is the ninth year that it has been held. 65 third graders from 18 junior high schools across Ichinoseki and Hiraizumi participated. Within the three days, students learned about the latest in science from researchers at five facilities including the High Energy Accelerator Research Organization (KEK) and JAXA in Tsukuba City, Ibaraki Prefecture. On September 9th, a debriefing was held where the students shared their research results.

## Pick Up News

### Prefectural government round-table conference

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On June 14th, the prefectural government held a conference in Oshu where Aimi Bell, Ichinoseki City's internationalization coordinator, participated as one of the speakers. The theme of the conference was "Toward the Realization of an International Linear Collider". Aimi Bell expressed opinions with the governor on issues such as multilingual signage, information transmission, and medical interpretation.

### ILC Special Lessons at junior high schools

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Ichinoseki carries out special lessons on the ILC to junior high school students within the city. On July 4th, lecturer Dr. Masakazu Kurata, a researcher of elementary particles and atomic nuclei at The High Energy Accelerator Research Organization (KEK), gave lessons at Ichinoseki Higashi Junior High School and Ichinoseki Junior High School. A lecture on the outline and research contents of the ILC and cloud box experiments to observe invisible particles were conducted.

### English Camp

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From July 30th to August 1st, an English camp catered toward junior high school students (hosted by the city and the Ichinoseki City Board of Education) was held at Ichinoseki Kenko no Mori. 57 second grade students from schools within Ichinoseki and Hiraizumi participated. During the stay, students spoke in English and interacted with Assistant Language Teachers (ALT) to experience and learn about other countries and cultures.

### Promotion of ILC at local beer festival

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The ILC was promoted at Ichinoseki National Craft Beer Festival from August 24th to 25th. At the stage event, Iwate idol "Fujipon", "Sakura Rin" of Iwate Marugoto Omotenashitai and cute ambassador "Kimura Yu" jumped at the chance to support and introduce the ILC to many people at the local beer festival venue.

## News Clippings

### Request from ILC promotion organizations

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On June 4th, nine organizations (including the Association of Citizens Who Strongly Support the Realization of the ILC, Oshu City ILC Promotion Liaison Council, Ofunato ILC Promotion Council) from southern Iwate and northern Miyagi prefectures visited the Liberal Democratic Party Headquarters. The organizations requested to four LDP members including Hon. Takeo Kawamura who also serves as the chair of the Federation of Diet Members for the ILC, to host the ILC in Japan. Hon. Kawamura said, "Let's do our best together".

### Tohoku ILC Promotion Consultation Meeting

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On June 12th, the Tohoku ILC Promotion Council, the Hokkaido/Tohoku Governors' Association, the Hokkaido/Tohoku Prefectural Assembly Chairpersons' Association, and the Tohoku Mayors' Association visited the Chief Cabinet Secretary, Yoshihide Suga, and related ministries to request that the government's intentions on hosting the ILC are made clearly and promptly. The Chief Cabinet Secretary said, "I firmly understand your request"

### Southern Iwate/Northern Miyagi Liaison Council Meeting

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On July 17th, eight ILC promotion groups in southern Iwate and northern Miyagi held their first liaison council meeting. This is the first meeting of promotion groups that transcend prefectural borders. The promotion groups unified to strengthen activities such as exchanging of information and fostering momentum to further promote the ILC.

### ILC promotion at Ichinoseki Summer Festival

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On August 3rd, the ILC was promoted at the Ichinoseki Summer Festival's dance parade. Those leading the dance displayed banners and flags; fans printed with a 'Chairman Kosaku Shima' design (Chairman Kosaku Shima is a popular manga that featured the ILC) were distributed to the audience alongside the street.

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## Q & A Corner

**Q: Will the site be used as a disposal site for high-level radioactive waste once the ILC experiments have come to a close?**

A: For the following reasons, the ILC site will not be re-purposed into a disposal site for high-level radioactive waste.

1. ILC research facilities are managed by international organizations; it's not possible to decide how to use the facility in Japan alone.
2. Regarding the equipment for disposal of high-level radioactive waste, the law clearly states that the local government's opinion must be highly regarded.
3. The ILC tunnels are set at approximately 110 meters above sea level, some areas are 400-500 meters from the surface, but some are only 20-100 meters deep.
4. The ILC tunnel is located higher than populated areas, and the shape of the tunnel is not suitable for the disposal of radioactive materials.

## Bell's Corner

### On sickness



Have you ever wondered about the city hall's services or what to do in case of an emergency? Check out the link or QR code to access the Ichinoseki Living Guide which provides information on: Ichinoseki City Hall and branch offices (hours), fire/ambulance, disaster, notification procedures, lifestyle, health, welfare, National Health Insurance, Medical Insurance for the Elderly (75+), National Pension System, taxes, employment consultation, education/sports, tourism and information disclosure!

## What brought you to Ichinoseki?



### **Argelio José Paz Peña (25) Honduras**

Occupation: Welder

Interests: Collecting airplane models, making YouTube videos

Favorite place: Genbikei

Favorite food: Ramen

Favorite event: Daito Ohara Water Festival (I'd like to join next year)

I met my wife while she was working in Honduras as a Japan International Cooperation Agency (JICA) expat. Her hometown is in Higashiyama (Ichinoseki) so we live there together now. As a Spanish speaker, I felt the biggest hurdle living here was the language barrier but since I've starting working, I've become more confident in speaking Japanese and am currently making efforts to further my Japanese by attending Japanese language classes.

One day, I'd like to open a café that serves Honduras cuisine and introduce people to 'baleada'. Baleada consists of tortillas, beans, eggs, chorizo, and a whole lot more. Let's eat together!