

News from Japan, Political Developments

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October 13, 2020

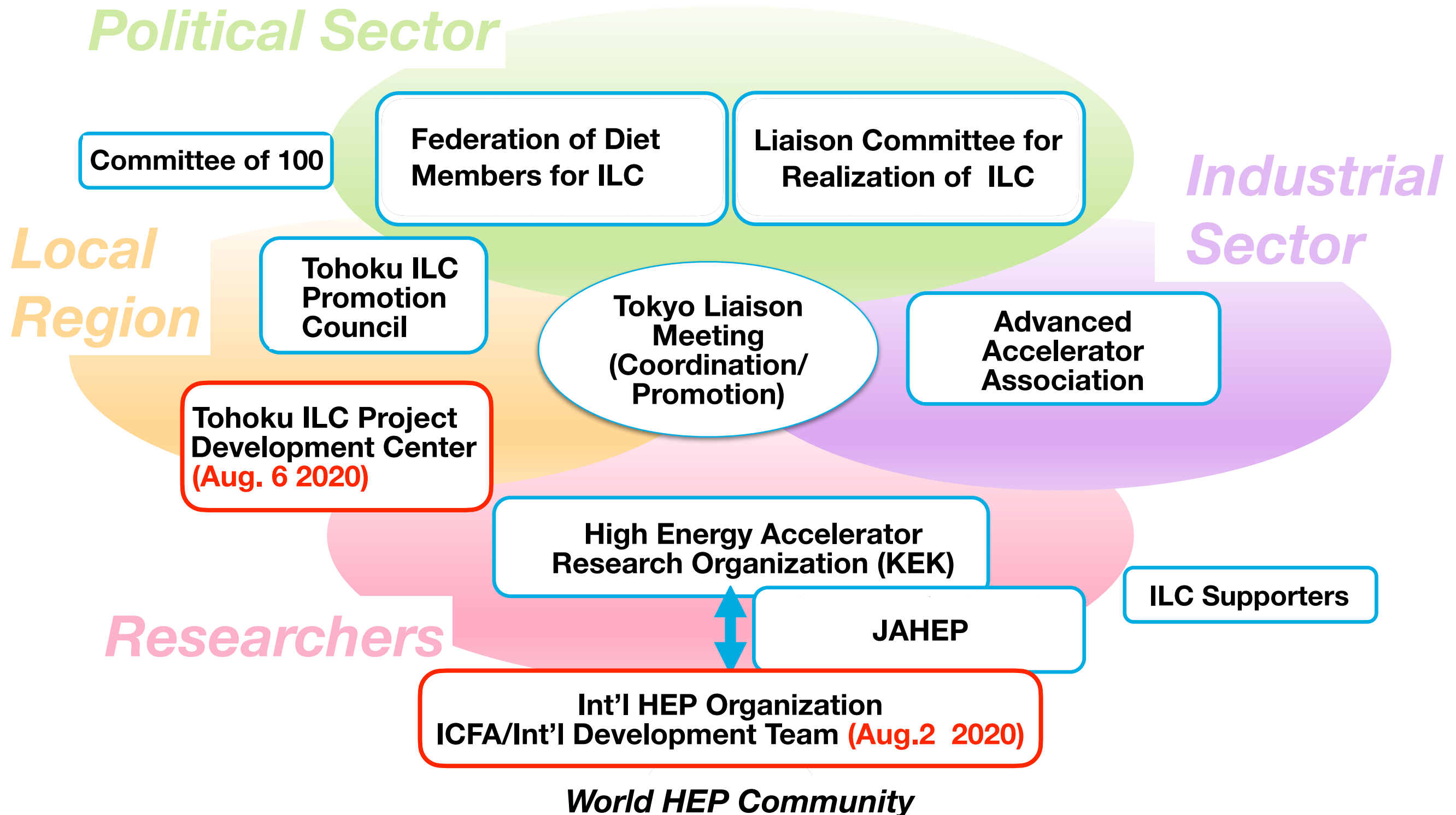
News from Japan

Current Status

- *Because of COVID19, it is not an appropriate time to bring up a big scientific project like ILC.*
- *However, the political environment about ILC is now very good, thanks, in particular, to strong US support. New PM, Mr. Suga, very well-informed of ILC. MEXT minister, Mr. Hagiuda stays in his position. A new deputy-MEXT minister, Ms. Takahashi, responsible for S&T policy from Iwate.*
 - *Remaining hurdle: how to secure financial resource outside the ordinary S&T budget*
- *The climate change: The first stage of the ILC is 250 GeV but, now studies on energy upgrade even above 1 TeV is encouraged.*
- *In spite of COVID19, KEK is operating in the new normal mode, and various ILC promotion activities are on-going. Various strategy discussions are on going in KEK and JAHEP (Future HEP Project Committee). Note: 1st complete draft of KEK RM is out for comments from JAHEP. Its English translation being prepared. Final version after international review, maybe in April.*
- *The International Development Team took over LCC/LCB:*
 - *IDT Membership is open to public since Sep.11.*
 - *Preparation on-going for JFY2022 budget request next summer to establish Pre-Lab*
- *Tohoku upgraded its ILC promotion organization on Aug.6.*
 - *Now actively promoting ILC (next slides)*

ILC Promotion Framework in Japan: *since Aug. 2020*

Adopted from S. Narita's talk at ILC Summer Camp 2020

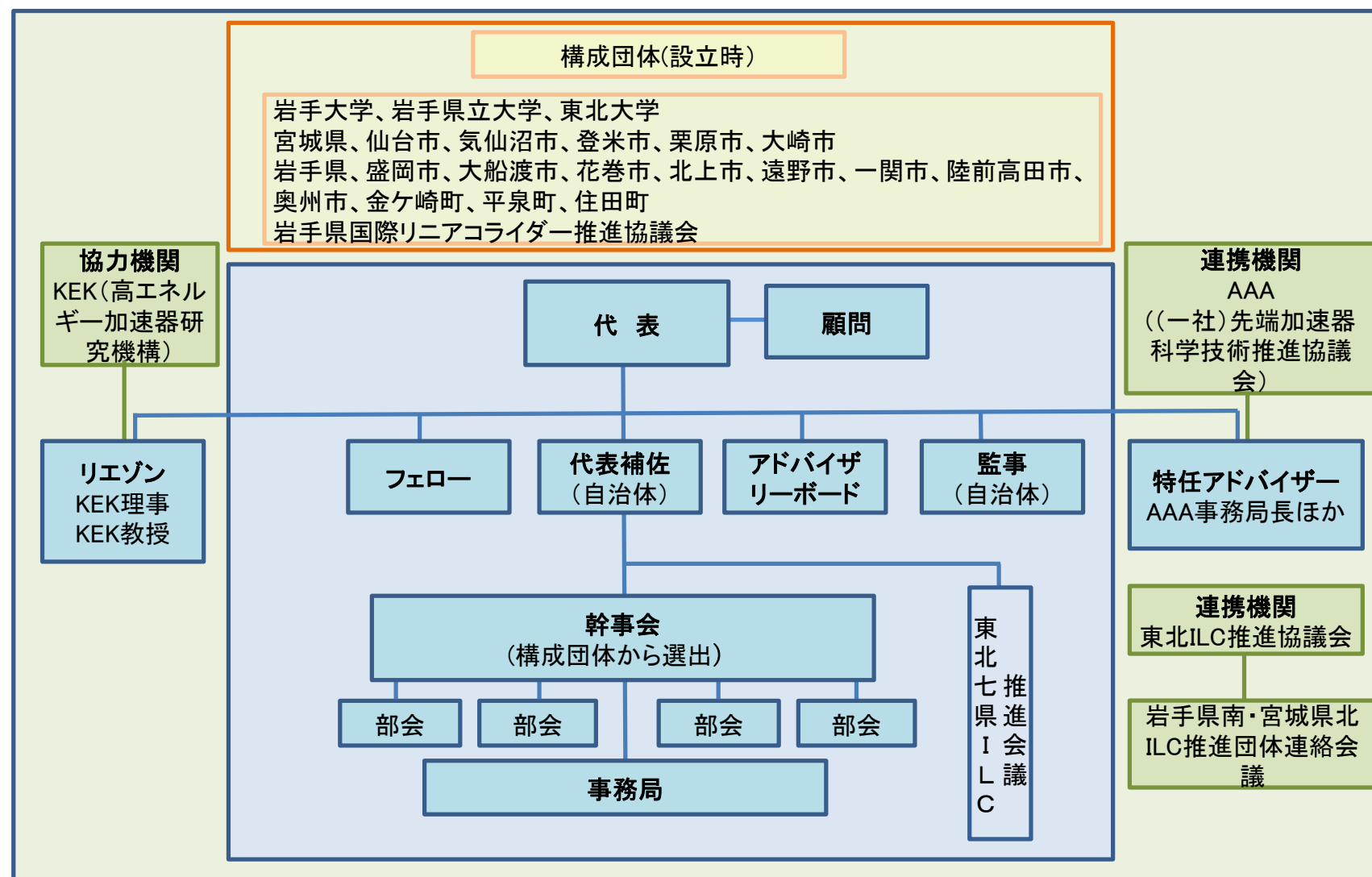


Local Activities in Tohoku

Tohoku upgraded its ILC promotion organization on Aug.6.

→ Now actively promoting ILC

東北ILC事業推進センター 組織及び推進体制



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- To develop detailed design for ILC construction together with IDT, KEK, AAA
- To develop detailed plan for the Tohoku regional matter regarding ILC
- To resolve issues to be resolved by the Tohoku region together with related organizations

Symposia for General Public in Tohoku

Sep. 24: ILC Symposium in Tohoku

1. 「ILC実現に向けた日本の研究者の取組」 森 俊則 氏
 2. 「ILC計画の推進状況について」 山下 了 氏
 3. 「新しい地方創生の核となるILC計画」 (株) 東急総合研究所顧問 藤井 健 氏
1. “Japanese Researches’ Effort towards Realization of ILC” by Toshinori Mori
 2. “Status of ILC Project Promotion” by Satoru Yamashita
 3. “ILC Project as a Core of New Regional Revitalization” by Takeshi Fujii of Tokyū Research Institute Inc.



Oct. 8: ILC Online Symposium in Tohoku

1. 「東北 ILC 事業推進センターの活動について」 鈴木 厚人 氏
2. 「ILC 最新動向～ ILC 国際推進チームの設置と今後の取組み～」 山内 正則 氏
3. 「ILC の科学的な意義を考える」 村山 斉 氏

“Activities of Tohoku ILC Project Development Center” by Atsuro Suzuki

“Current Status of ILC Project - Establishment of ILC International Development Team and Future Actions -” by Masanori Yamauchi

“Scientific Significance of ILC” by Hitoshi Murayama

Oct. 6: Excerpt from the Joint Statement by Tohoku Economic Federation & Japan Business Federation: <https://www.keidanren.or.jp/policy/2020/090.html> (in Japanese)

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東経連と経団連は、2018年7月に「震災復興の加速」「成長戦略の推進」について[共同声明](#)以降、次世代放射光施設を核としたリサーチコンプレックスの形成や国際リニアコライダー（ILC）の日本誘致など、復興・再生やSociety 5.0の実現に向け強力に連携してきた。以上の認識を踏まえ、コロナを契機に両団体の連携を改めて深化させ、下記の活動を積極的に展開していく。

Since the joint statement in July 2018 on "acceleration of recovery from the earthquake disaster" and "promotion of growth strategy", Tohoku Economic Federation (Tokeiren) and Japan Business Federation (Keidanren) have been strongly joining forces to achieve reconstruction / revitalization and Society 5.0, including formation of a research complex centered on next-generation synchrotron radiation facilities and **realization of the International Linear Collider (ILC) in Japan**. Based on the above recognition, with COVID19 Pandemic as a trigger we will further strengthen the cooperation between the two organizations and actively develop the following activities.

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復興庁をはじめとする関係者との密接な連携のもと、福島イノベーションコースト構想の推進やILC誘致実現をはじめ東北地方の活性化・産業振興、風評払拭に資する活動を展開し、復興を着実に推進していく。

In close cooperation with the Reconstruction Agency and other related parties, we will steadily implement reconstruction by promoting activities that contribute to the revitalization of the Tohoku region, industrial promotion, and dispelling rumors, including the promotion of the Fukushima Innovation Coast Framework and **the realization of ILC in Japan**.

ILC newsline

September 25 Issue

<http://newsline.linearcollider.org>

A team effort for a new collider: Tatsuya Nakada

After seven years of work, the Linear Collider Board (LCB) and Linear Collider Collaboration (LCC), which were established by the International Committee for Future Accelerators (ICFA) completed their term in June 2020. Taking into account the recent increase of political support in Japan for the ILC, ICFA concluded that the ILC project should take a step towards the preparatory phase for a future ILC laboratory. To help this move, ICFA established the ILC International Development Team (ILC-IDT) whose mandate is to prepare for the creation of the ILC Pre-laboratory. Unlike LCB and LCC who were promoting a linear collider in general, the ILC-IDT focuses on the ILC with Japan as the host country.

There is a clear pressure from the high-energy physics community to move fast. The recent update of [the European Strategy for Particle Physics](#) has underlined the European interest to collaborate with ILC if it were realised in a timely fashion. ***The goal of the IDT is to complete the preparation for the ILC Pre-laboratory in a timescale of 1.5 to two years***, which is extremely ambitious. There is a lot of work to be done: making a ***proposal for the organisation and governance of the Pre-laboratory, establishing a scheme where the national and regional laboratories worldwide can contribute to the work during the Pre-laboratory phase so that all the technical specifications for the ILC project being completed and ready for the construction phase, and much more***. However, the members of the ILC-IDT Executive Board, who took office in August, are very motivated to tackle this challenge with a support from KEK who is hosting the ILC-IDT. ***In parallel to our activities, we hope that the effort by the Japanese colleagues will result in a positive move by the Japanese government that is equally essential for establishing the Pre-laboratory.***

Lastly, I would like to express our sincere and deepest appreciation to the members of LCB and LCC, in particular the LCC Director, Lyn Evans and his management team as well as the first Chair of LCB, Sachio Komamiya, for their long lasting effort which made it possible to make this new step.

ICFA

ILC International Development Team

Executive Board

<i>Americas Liaison</i>	Andrew Lankford (UC Irvine)
<i>Working Group 2 Chair</i>	Shinichiro Michizono (KEK)
<i>Working Group 3 Chair</i>	Hitoshi Murayama (UC Berkeley/U. Tokyo)
<i>Executive Board Chair and Working Group 1 Chair</i>	Tatsuya Nakada (EPFL)
<i>KEK Liaison</i>	Yasuhiro Okada (KEK)
<i>Europe Liaison</i>	Steinar Stapnes (CERN)
<i>Asia-Pacific Liaison</i>	Geoffrey Taylor (U. Melbourne)

Working Group 1
Pre-Lab Setup

Working Group 2
Accelerator

Working Group 3
Physics & Detectors