



ILC particle accelerator project a good fit for Japan, and vice versa

The mountainous Kitakami area in the Tohoku region is being proposed as a candidate site for building the International Linear Collider (ILC), a next-generation linear particle accelerator.

The ILC is a research facility for investigating the origin of the universe and physical substances. Given that Japan has achieved many accomplishments in the field of particle physics, positive consideration should be given to the idea of inviting the ILC to be built in the Kitakami highland.



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Scientists and economic organizations ask for the ILC Committee to focus more on the effects

of new technology

Scientists and economic organizations that have been pushing forth the ILC project in Japan held a press conference in Tokyo on November 20th. Together, they responded to the draft released by the Science Council of Japan's ILC Committee on November 14th, stating that "there are factual errors and a lack of understanding [of the ILC in the draft]." They stressed that it would be important for Japan to host the project, saying they would like the ILC Committee to focus more on the effects of new technology and new jobs developing that technology, as well as further development and use by the private sector."

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Scientists urge a change in heart on the ILC Committee's wary opinion of the ILC – stressing the importance of the project

At a press conference in Tokyo on November 20th, scientists that support the ILC stressed how important it is that the project be realized. They also urged that the Science Council of Japan's ILC Committee make a course change in their wary deliberations of the ILC. When asked by a reporter about sharing the huge cost burden internationally, they asked for understanding: "Informal deliberations have been taking place among scientists, and formal negotiations

will start once the government makes its decision.” Eyes are now on a response from the ILC Committee.



日本学術会議の検討委に対し「正しい理解で公正な評価を期待したい」と語る鈴木厚人学長（中央）ら

東北大学の鈴木厚人学長、
東京大素粒子物理国際研究
センターの山下了特任教
授、九州大理学研究院の川
越清以教授、高エネルギー
加速器研究機構（KEK）
の岡田安弘理事、県ILC
推進協議会長の谷村邦久
商工会議所連合会長らが席
を並べ、意見を述べた。
谷村会長は「検討委の回
答案はネガティブ（否定的）
な面が強調されている。IL
Cの波及効果は地方創
生、人材育成などとして現
れる。一層受け入れ態勢の
整備に努め、多様な効果を
引き出し、日本、世界に貢

【東京支社】20日に都内で記者会見した国際リニアコライダー（ILC）を推進する研究者らは実現の意義を強調し、慎重意見が目立つ日本学術会議の検討委に軌道修正を促した。疑問を投げかけられた巨額経費の国際分担については「研究者間などの非公式協議で検討を続けており、政府判断後に正式協議が始まる」と理解を求めた。検討委側の対応が注目される。

【本記1面】

慎重意見に修正促す

検討委に対し
推進研究者ら
実現の意義強調

ILC
東北誘致

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Science Council of Japan’s ILC Committee’s draft calls out the challenge of cost-sharing but also recognizes significance of the ILC

The ILC Committee and Technical Verification Working Group were set up by the Science Council of Japan to deliberate on the revised ILC plan for the Ministry of Education, Culture, Sports, Science and Technology (MEXT). They met in Tokyo on November 14th for their 10th meeting where they presented a draft of their answer to MEXT. While they did recognize the significance of the ILC – “It is very crucial and desirable that the ILC be realized” – they also raised serious concerns, such as there being no outlook of international cost-sharing. They still have not reached their final conclusion, but are leaning towards a pessimistic view of the project.

経費分担の課題指摘

日本学術会議
検討委回答案
実現意義は認める



【東京支社】日本学術会議が設置した国際リニアコライダー(ILC)計画の見直し案に関する検討委員会と技術検証分科会は14日、都内で合同の第10回会合を開き、文部科学省への回答案

- ### 日本学術会議の回答案のポイント
- ▶ 陽子加速器の相補的役割を担う電子加速器の実現は重要であり、望ましい
 - ▶ 国際経費分担の見通しなしに誘致を決定するのは危ない
 - ▶ 計画に携わる人材を長期間、十分な人数を確保できるかが課題
 - ▶ 基礎科学分野の国際共同研究に日本が貢献する意義は大きい
 - ▶ 地震や火災など不測の事態への対処、安全策の計画立案が必要
 - ▶ 諸分野の学術コミュニティとの対話が不足し、丁寧な説明と意見交換が不可欠

を示した。「実現は重要かつ望ましい」など意義は認められた一方「経費の国際分担の見通しが無い」と、課題を厳しく指摘した。結論は持ち越したが、最終的に慎重意見となる方向に傾きつつある。【関連記事4面】

回答案では、陽子をぶつける欧州合同原子核研究所(CERN)の円形加速器に対し、電子を用いるILCは「素粒子の詳細研究に適し、一般論として実現が重要かつ望ましい」と説明。一方、約8千億円の建設費用を賄うための国際分担や人材確保についても「見通しが明らかでない」と指摘した。

経波及効果は「議論の余地がある」とし、国際科学都市の形成も「データ解析がオンラインでできる時代に研究者が現地に常駐する必然性は乏しい」と記述した。学術界全体でのILC建設の理解が不足しているとし「さらに丁寧かつ継続的な説明と意見交換が不可欠」と課題を挙げた。

会合後、検討委の家泰弘委員長(日本学術振興会理事)は「他分野の研究者に対しての説明や対応が十分

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Cycling in Iwate Grab your gear and hit the road!

My utopian vision of the ILC and surroundings involves researchers zipping around on bike paths. According to various surveys, it seems a good portion of you do expect to spend time on bicycles at least to get around, and possibly during your off-time for fun. This is the article for you!



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Winter Lights in Tohoku, Japan 4K



About Tohoku ILC Promotion Council

This conference, consisting of industry, academic, and government representatives, has been established to promote basic scientific research and to deepen the understanding of the International Linear Collider, as well as to research and maintain the environment during ILC installation.

<http://www.tohoku-ilc.jp/en>

That's the news for this month! As always, feel free to send us any questions about local activities for the ILC, life in the region, or about working in Japan.

Best wishes,

The Tohoku ILC Promotion Council



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