

The official title is  
“Hitoshi's role in the ILC project”

Hitoshi Fest @ Kavli IPMU  
16-20 December 2024

Tatsuya NAKADA  
EPFL

The official title is  
“Hitoshi's role in the ILC project”  
but a real title is more like  
“My appreciation of Hitoshi in the ILC  
project and other occasions”

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## A little introduction of myself to set a ground

- Being in Europe since September 1978
- Starting from “West” Germany (Heidelberg) and since 1984 in Switzerland
- Worked at University of Heidelberg, University of Fribourg (CH), Swiss Institute of Nuclear Physics (SIN)→Paul Scherrer Institute (PSI), University of Lausanne, CERN and EPFL
- Now emeritus at EPFL
- Worked on: pp interaction at the CERN Intersecting Storage Rings for soft and hard hadronic interactions, muonic atoms to measure the muon mass at SIN, CP violation in the neutral kaon decays at CERN Low Energy Antiproton Ring, design studies of  $e^+e^-$  B-meson factories at PSI and CERN, B physics experiment at the LHC (LHCb) and relatively recently helping the ILC effort.

## My recollection for working with Hitoshi in the ILC related issues

- Hitoshi was requested to be a deputy director for physics in the Linear Collider Collaboration (LCC) by Lyn Evance who was the director. I took over the chair of Linear Collider Board, an oversight body of LCC, from Sachio Komamiya. This organisation was terminated in 2020. **Hitoshi's contribution to physic by Michael.**

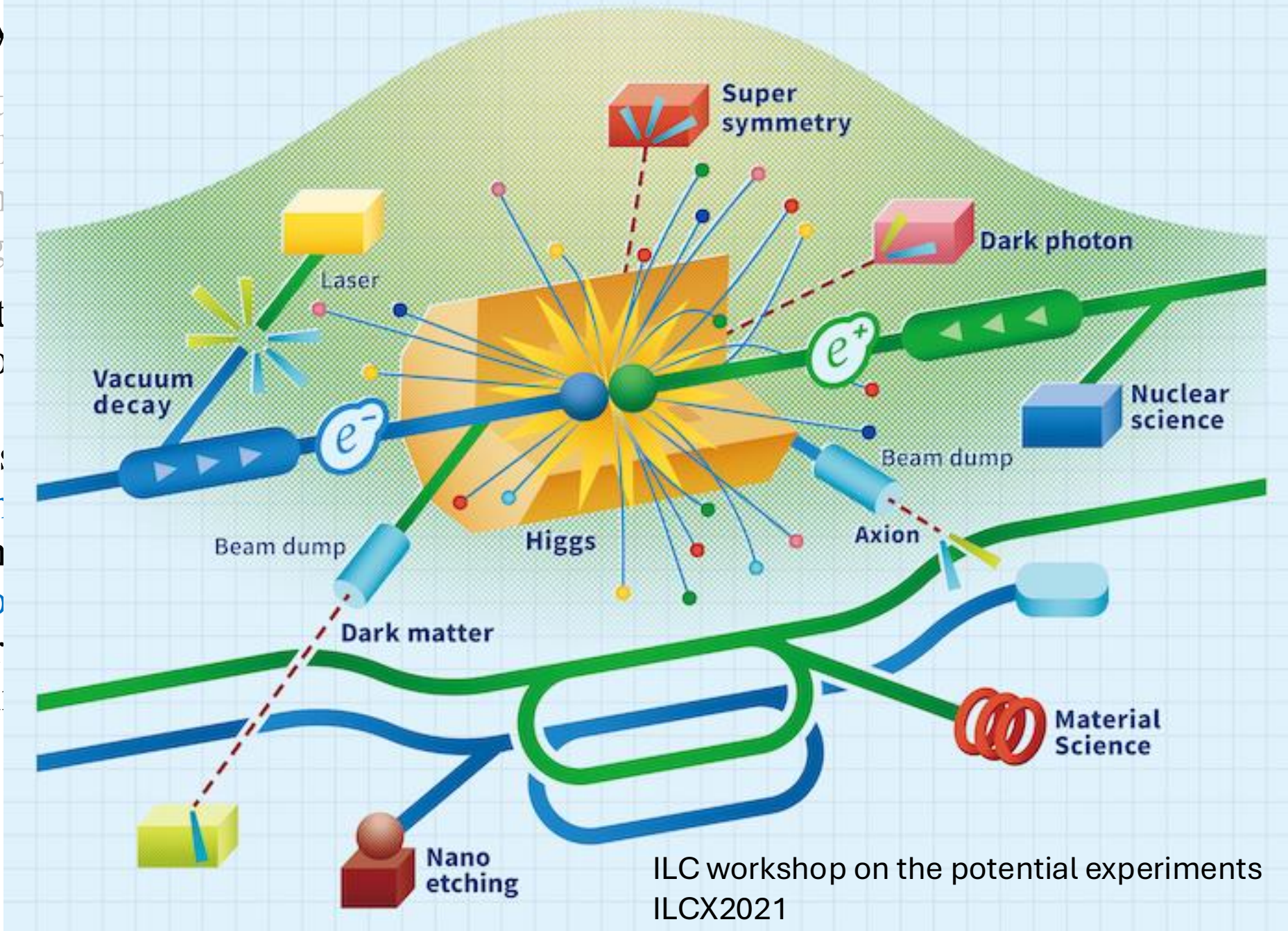


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- After this, starting in August 2020, Hitoshi agreed to be the convener of the Working Group for Physics and Detector and a member of the Executive Board for the ILC International Development Team. He had served as the convener till he was asked to lead the P5 effort. Hitoshi was crucial **to facilitate the fruitful continuation of the collaborative effort by the linear collider community** through running efficiently the working group. His effort to **enlarge the physics programme of the ILC in different directions**, reflecting his broad knowledge, is particularly appreciated. I was fortunate to be able to follow his achievement, being the chair of the Executive Board.

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- Hitoshi has been **an excellent ambassador** to propagate the excitement of the ILC project to the **scientists from the other disciplines, government officers, politicians,** where I had numerous occasions to witness, and **general public as presented in the Rika's talk.**

# My recollection for working with Hitoshi in other occasions

- The first occasion to work with him was the KEK Lepton Collider Programme Advisory Committee in 2005, where both of us were members. I was deeply impressed by Hitoshi's **quick and articulated interventions and broad knowledge**, as well as his impeccable English (and Japanese).

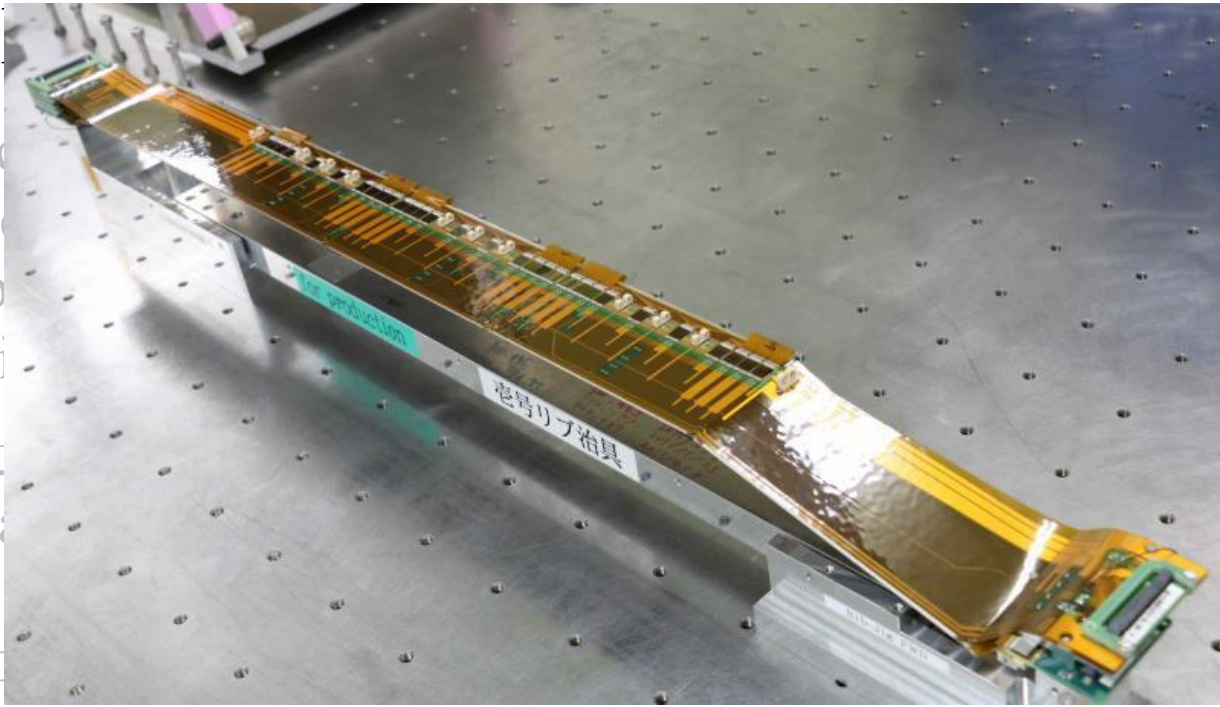


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- Another occasion was at the CERN Scientific Policy Committee. I was fortunate to be the chair when Hitoshi was a member, allowing me to experience not only the Hitoshi's talent as an excellent scientist but also **healthy common sense to judge the policy and managerial matters**.

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- One other memorial moment was related to the IPMU contribution to the construction of the silicon strip vertex detector of Belle II experiment. The IPMU team took a very significant responsibilities in producing ladders and there was some worry in the production schedule. When I visited the IPMU ladder production facility as the chair of the KEK B-factory Programme Advisory Committee, Hitoshi was ready to have a spontaneous ad hoc meeting with us (Higuchi-san et al.) where he tried to understand the problem related the human resources and to solve it. It was just impressive to see the way he **quickly grasped the issue and proposed how he could help in his capacity as the director.**

## To conclude

- I do not need to make a comment on Hitoshi's scientific achievement, since it is so obvious.
- My direct interactions with Hitoshi were not purely in physics, but more related to the scientific policy and managerial matters.

# To conclude

- I do not need to make a comment on Hitoshi's scientific achievement, since it is so obvious.
- My direct interactions with Hitoshi were not purely in physics, but more related to the scientific policy and managerial matters.
- In those occasions, I appreciated his **healthy common sense, honest and straight forward approach, ability to grasp the essential point and to find a practical solution**, yet being **ready to listen to the opinion of other people** before taking a decision.

Hitoshi @ UN headquarters



- I do not need scientific achievement, since it is so
- My direct interest is in physics, but more related to practical matters.
- In those occasions, I am on sense, honest and straightforward. I try to find the essential point and to the opinion of other people.

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- Another remarkable point is that Hitoshi is a truly international person who is able to transmit his passion in physics to everybody from different cultural background.



- **Congratulation Hitoshi for your successful 60 years** and I am sure that **many more successful years will follow**. I feel very lucky and being privileged to have had occasions to interact with you through work and also privately.