

IDT-WG2 report

KEK / IDT-WG2 Shin MICHIZONO (KEK)

- ITN next step
- P5 report
- Next IDT-WG2 meeting : Jan.23, 2024 (6 weeks later)

ITN next step

IDT-EB sent an e-mail to each lab to **check the list** and nominate **contact person** in each WPP.



Response from each lab



To Europe and Asia

iteration

Explanation of the detailed WPP (prepared by IDT-WG2 steering members)



Receive possible contribution plan from each lab. (Or questions from each contact person)

now



Report them from IDT-WB2 to IDT-EB



IDT-EB will consider the ITN framework

P5 report

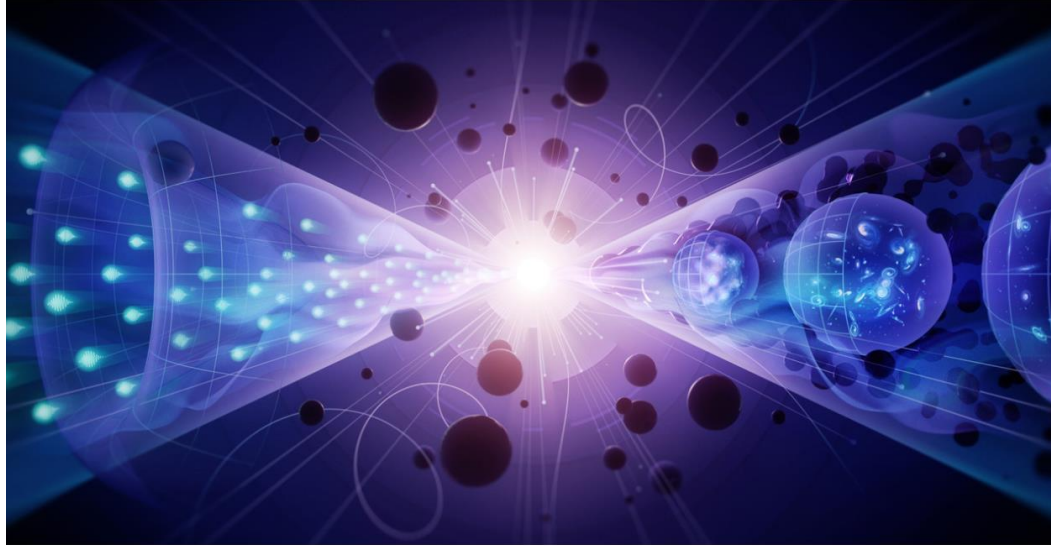


Illustration by Olena Shmahalo for U.S. Particle Physics

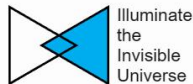
Particle physics studies the smallest constituents of our vast and complex universe. At such small scales, the fundamental principles of quantum physics prevail. Remarkably, the entire observable universe, now billions of light years across, was once so small as to be quantum in nature. This quantum history of the universe is imprinted on its large-scale structure.

The recommended program describes particle physics in three science themes. Within each of these themes we identify two focus areas, or science drivers, that represent the most promising avenues of investigation for the next 10 to 20 years.

Explore Overviews



Decipher the Quantum Realm



Illuminate the Invisible Universe



Explore New Paradigms in Physics

- ✚ Download 2-Page Summary
- ✚ Download Executive Summary
- ✚ Download the Full Report (single pages | spreads)
- ✚ Download Figure 1: Program and Timeline in Baseline Scenario
- ✚ Download Figure 2: Construction in Various Budget Scenarios

