

Schedule of January

2021/01/05 : IDT WG2 regular meeting

Could you please send the correction and comment by the January 5th ?

2021/01/08 : IDT EB meeting

The draft of the proposal of the technical preparation will be submitted to IDT EB at January 8th.

2021/01/19 : IDT WG2 regular meeting

Shin Michizono said he would ask Benno to explain the status of TDR at the IDT WG2 meeting.

2021/01/26 : IDT WG2 subgroup meeting

Then, Shin Michizono said each subgroup will discuss the items to be considered for EDR, which are not included in the technical preparation.

If there are any discussion item for 2021/01/12 subgroup meeting, we will not held this subgroup meeting.

Could you please sent the discussion item on January 12th , if you have ?

Technical preparations /performance & cost R&D [shared across regions]

- SRF performance R&D, quality testing of a large number of cavities (~100), fabrication and shipping of cryomodules from North America and Europe (for validating shipping)
- Positron source final design and verification
- Nanobeams (ATF3 and related): Interaction region: beam focus, control; and Damping ring: fast kick
- Beam dump: system design, beam window, cooling water circulation
- Other technical developments considered performance critical

Technical preparation (WPs)
Essential items before ILC
construction

I will submit the proposal by the end of
Dec

Final technical design and documentation [central project office in Japan and possibly regional project offices]

- Engineering design and documentation, WBS
- Cost confirmation/estimates, tender and purchase preparation, transport planning, material up and construction schedule preparation
- Site planning including environmental studies, CE, safety and infrastructure (see below)
- Review office
- Resource follow up and planning (including human resources)

Engineering Design Report (EDR)
We will start the discussion about contents of
EDR.

I will submit a rough proposal together with
proposal of "technical preparation" next week.

Preparation and planning of deliverables [distributed across regions, liaising with the central project office and/or its satellites]

- Prototyping and qualification in local industries and laboratories, from SRF production lines to in
- Local infrastructure development including preparation for the construction phase (including Hub Lab)
- Financial follow up, planning and strategies for these activities

Planning and preparation of Hub lab.

Civil engineering, local infrastructure and site [host country assisted by selected]

- Engineering design including cost confirmation/estimate
- Environmental impact assessment and land access
- Specification update of the underground areas including the experimental hall
- Specification update for the surface building for technical scientific and administrative needs

Civil engineering

