

Welcome to PARTIQAL

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History of PARTIQAL

- Particle Physics in **Computing Frontier** (Dec.2019)
<https://indico.ibs.re.kr/event/325/>
- **AI and Quantum Information** Applications in Fundamental Physics (Feb 2023)
<https://indico.kias.re.kr/event/169/>
- **AI and Quantum Information** for Particle Physics (Nov 2023)
<https://indico.ibs.re.kr/event/571/>
- Focused workshop on **AI** in High Energy Physics (Jan 2025)
<https://indico.kias.re.kr/event/339/>
- **Now, PARTIQAL starting from 2026!**
AI, Quantum Information, Quantum Computation and Sensing

Venue & Facilities

- IBS-CTPU has kindly provided its seminar room for our workshop. Thanks to the unexpectedly high number of registrations (**more than 50 participants**), we moved the workshop venue here.
 - Please follow the IBS-CTPU regulations and room-use policies.
- We have also reserved Rooms **304, 305, and 306 in the IBS Science Center**. You are welcome to use these rooms for discussions and collaborative work **until 8:00 PM**.



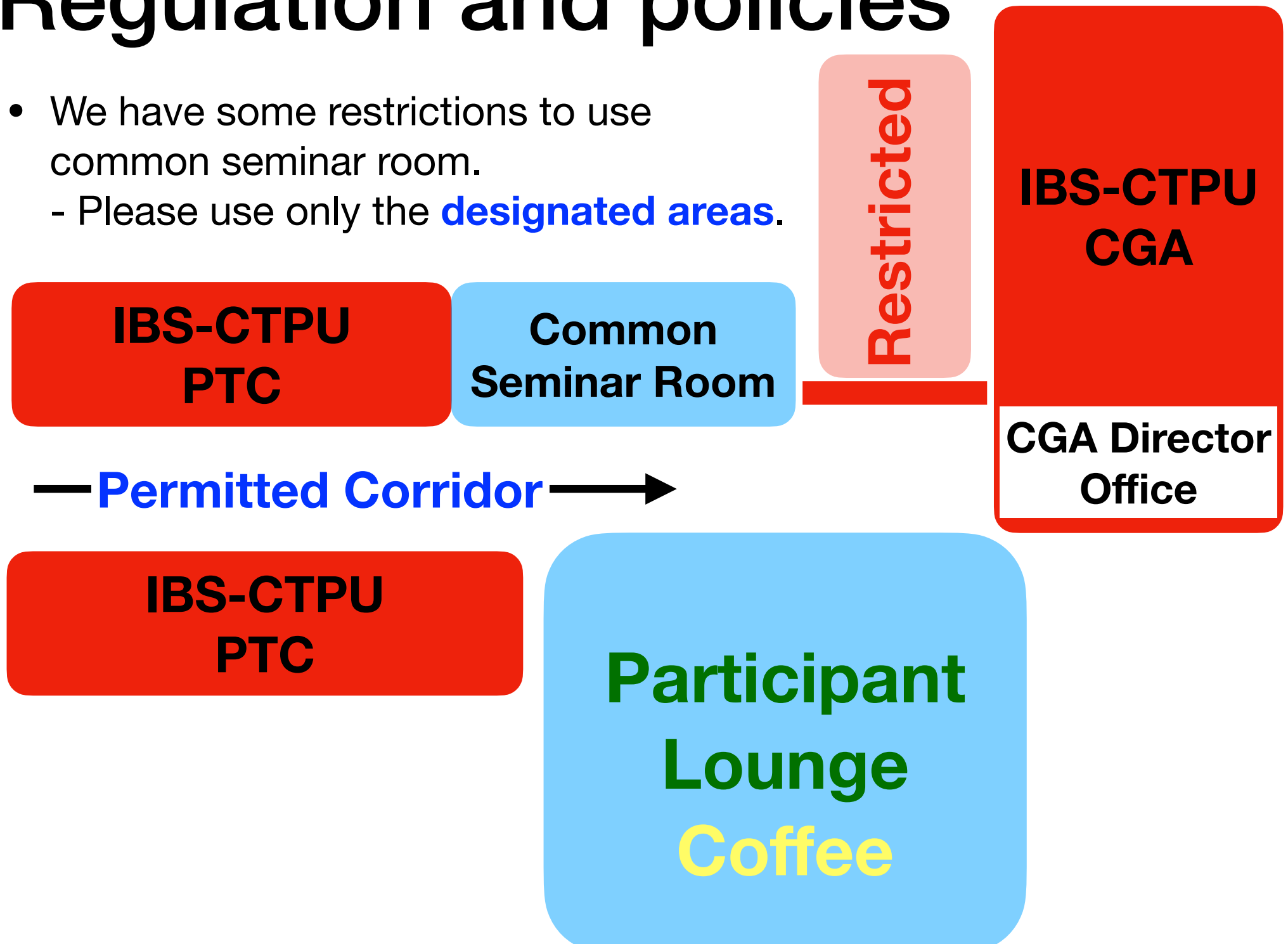
IBS Theory Building

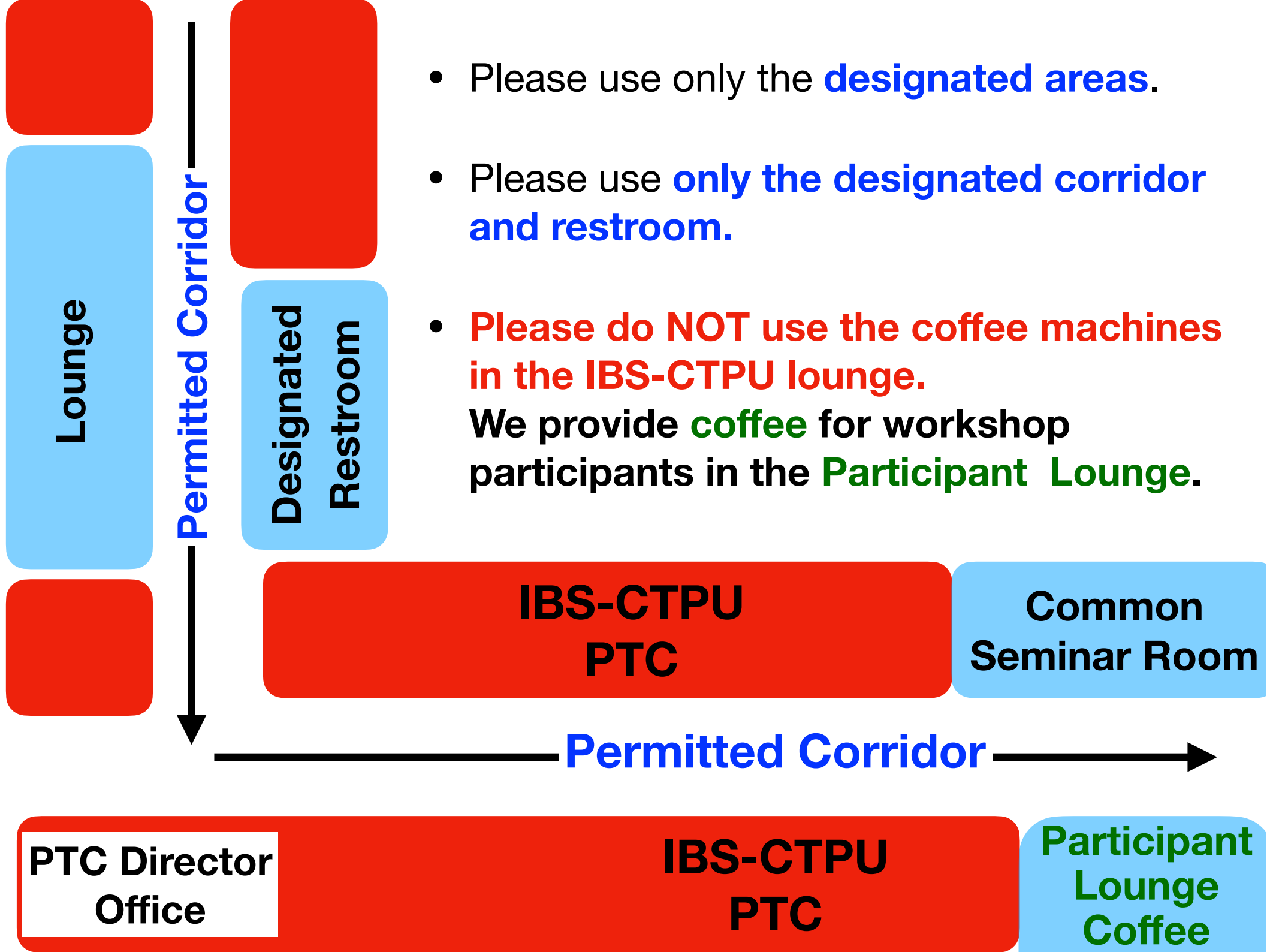
IBS Science
Center

road

Regulation and policies

- We have some restrictions to use common seminar room.
 - Please use only the **designated areas**.





Coffee & Lunches

- **Coffee & Cookies:** Participant Lounge (Morning & Afternoon)
 - **Additional Coffee:** Café inside the 1st-floor cafeteria (available for purchase)
- Lunch is available at the cafeteria on the 1st floor of this building from 11:50 AM.
- Meal tickets cost 5,000 KRW each.
- You can pay by cash or credit card.
- Lunch boxes will be provided on Friday.
(The cafeteria on the 1st floor will be closed because it is a public holiday.)

Banquet

- Wednesday, July 15 6:00 PM - 9PM
- **Venue:** VESTA buffet in Mannyeon-dong.
- **Dinner is complimentary for all participants.**
- We look forward to seeing you there!
 - More details will be announced on Wednesday afternoon.

**Let's have AI, Quantum
for particle physics**

Before We Finish...

- As one of our funding organizations, APCTP requires us to complete the following:

1) Watch a short **APCTP video** : <https://youtu.be/XOQHTUzcPqg>

2) Complete a **short survey using the QR code**
Please complete the survey now.

3) **Take a group photo:**

We will now go outside and take a group photo under the banner in front of the building.

4) Sign the attendance sheet

The attendance sheet will be available tomorrow.

survey using the QR code



**Tomorrow session starts at
9:30AM**

