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# Geant4 Training Course in Medicine 2023

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# COVID19

- The pandemic has never ceased
  - We don't know the exact situation because the Japanese government stopped counting the number of new patients in May
  - The average wait time of ambulances observed recently is much longer than usual
  - Hospitals are also very busy
- Wash your hands very well
- Don't hesitate to use face masks anytime
- Expect higher risks in narrow and not-well ventilated rooms





## J-Alert

- Don't be scared even if you hear loud siren from all of cell phones around you! In most cases nothing happens.
- J-Alert is the Japan's nationwide emergency alert system
  - Ballistic missile information, tsunami warnings, earthquake early warnings, etc.
- Cell phones sold in Japan including iPhone have the ability to receive J-Alert and sound a loud siren automatically
  - Siren sound for ballistic missiles
    - <https://www.kokuminhogo.go.jp/data/siren.mp3>
- Check closest emergency exits and route to outside
  - Follow locals





# WIFI

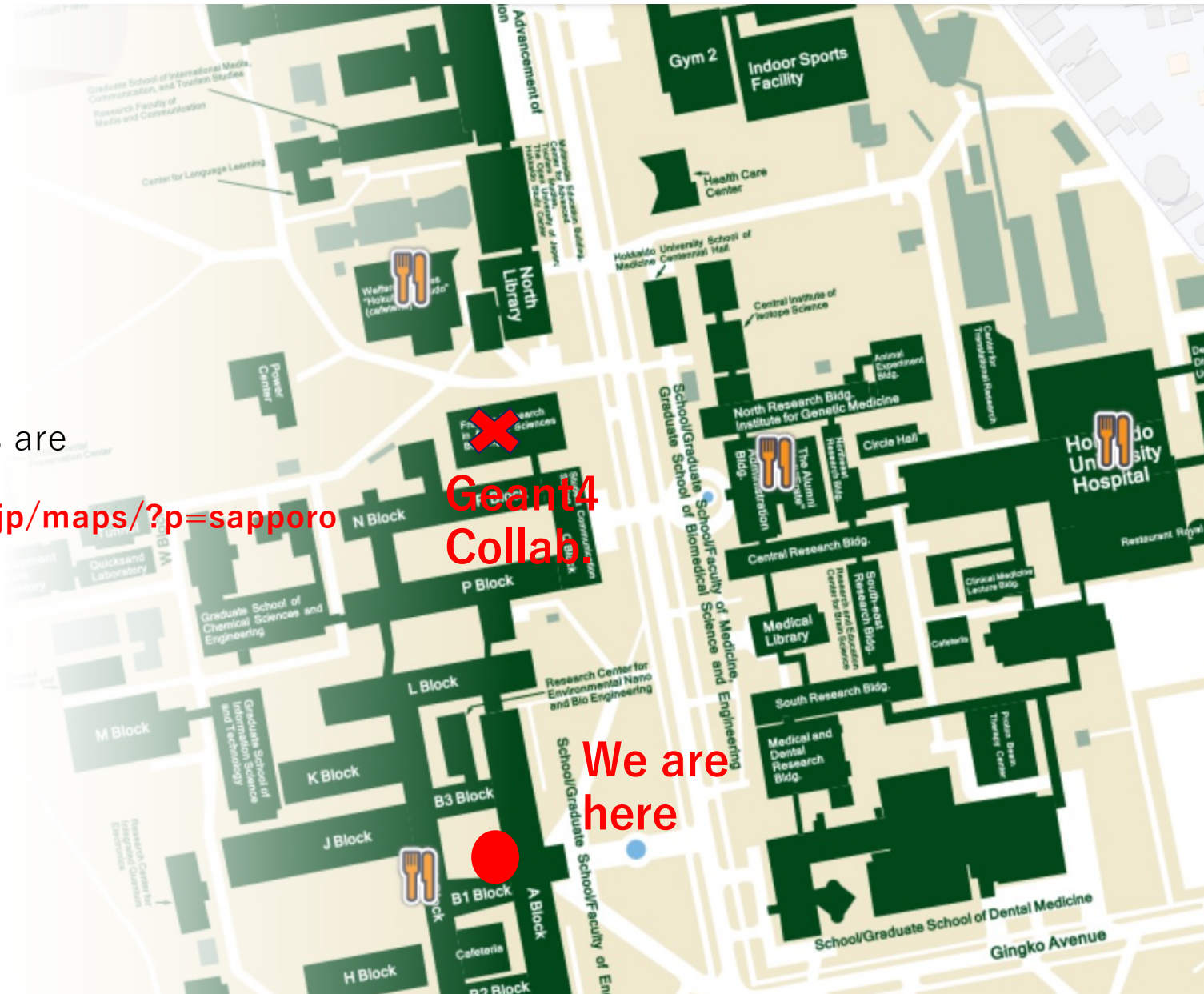
- Only Eduroam works
  - We didn't know this until this morning
  - Sorry for this.



# Lunch

- Lunch is not included
- Restaurants and shops are available nearby

<https://www.global.hokudai.ac.jp/maps/?p=sapporo>





# Welcome to Sapporo!

- Hokkaido is the second biggest island, following Honshu in Japan
  - A heavy snowfall zone on the west side of Hokkaido
    - Powder snow paradise and lots of ski resorts
    - It is breezy but dry in winter in the east side
  - Smaller population than other major islands
  - Known by good foods also
    - You cannot miss Ramen, seafood, lamb, melons...
    - Personally, I love oysters from the **Akkeshi** region
- Sapporo is the 5<sup>th</sup> most populated city in Japan
  - Almost the same altitude as cities such as
    - Rome (Italy), Marseille (France), Boston and Chicago (USA)



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# Joint meeting

- Collaboration meeting
  - 50 people registered
- Training course
  - 40 people registered
    - 5 are duplicated with the collaboration meeting
  - 13 instructors in volunteer
    - Tsukasa Aso is the principal
- Joint the technical forum on Thursday





## Social events

- Collaboration dinner (jointly with the Geant4 collaboration meeting)
  - Sep. 27<sup>th</sup> Wednesday
  - Garden Grill @Sapporo Bier Garten
    - <https://www.sapporo-bier-garten.jp/global/english.html>
  - “Genghis Khan” , sea foods and drinks (All-You-Can-Drink)
  - **No transportation provided**
    - Take a taxi or bus for Sapporo Bier Garten
    - 9-2-10, Kita7Jo, Higashi-ku, Sapporo, Hokkaido, 065-0007
  - **Paid participants only**







# Thank the local hosts

- Prof. Taeko Matsuura
- Dr. Ye CHEN
  - A member of EM WG





# Sponsors

- **KEK**: High Energy Accelerator Research Organization
- **MPEXS LLC**
  - A KEK venture company
  - Founded in 2022 mainly for licensing the MPEXS series software to commercial companies
  - MPEXS series software is the first commercial GPU accelerated dose calculation engine
    - **Academic versions will be available through KEK**

