

北海道工業大学体育館 “HIT ARENA”

**HOKKAIDO INSTITUTE OF TECHNOLOGY, GYMNASIUM “HIT ARENA”**

The concept is the square.

This gymnasium is designed by “Enclosure Planning”. Main arena is surrounded by clubrooms, machine training room, budokan and sub arena. The students are able to see games and practice of sports from the lounge deck of clubrooms, as if you look at market and festival from windows of buildings surrounding and facing the square, and the lounge of clubrooms is like a royal box. At the new gymnasium, the communication between students is coming about.

The thermal environment is quite stable in the main arena, because it has sufficient thermal insulation properties by enclosure plan, and the floor heating and cooling together with geothermal heat pump system is used.

I have been planning the college campus in cold region so far. I think this arena could be the place like winter-garden (atrium) to enjoy the campus life of students.