






Technical Visits


Technical Visits will be arranged on Monday, November 7 with the cooperation of the following organizations. SETC 2011 Technical Visits offer unique courses of interests. Encounter the spirit of the Japanese sword and observe large-scale steel production at The Japan Steel Works, Ltd. Also experience the unique DMV and the history of Hokkaido's railways at Hokkaido Railway Company. The Hokkaido University Museum displays the scientific history of Hokkaido. In addition, other attractions include a special view of Sapporo from Okurayama Jump Stadium and Japanese sake tasting at the Chitosetsuru Brewery.



The Japan Steel Works, Ltd. (JSW) was established in 1907 and had amassed a wealth of advanced technology as the largest private weapons manufacturer in Japan by the end of World War II. After the war, conversion of production to meet civilian demand gave the company a fresh start, and materials and processing technologies accumulated over the years were used as a base for technical development and the cultivation of new business fields. The Company's products now include large-scale steel castings and forgings, heavy machinery and steel structures, steel plates, plastic machinery, industrial machinery, and equipment for the petroleum, gas, chemical, and petrochemical industries.






Manufacturing of Japanese swords takes place at JSW using traditional techniques.



Hokkaido Railway Company

The JR Naebo Workshop began its operations 102 years ago, and is where rolling stock is inspected, repaired, remodel, and built. Technological development, design, running tests, and data analysis related this work can also be observed, along with the the manufacture of rolling stock brake shoes. Test ride a Dual Mode Vehicle (DMV), which is modified from a microbus and developed to run on both railway tracks and roads. While it runs with front and rear rubber tires on the road, on the railway it is operated with front and rear steel wheels as well as rear rubber tires set on the tracks. In both cases, the drive power is transmitted via the rear rubber tires. The mode change takes only 10 - 15 seconds, and the vehicle is capable of speeds of up to 70km/h on the railways.

Course A 7:00 - 7:20 Tour Desk Opens at Kane-no-Hiroba in Sapporo Station

Lunch included

7:30
Departure



Japan Steel Works,
Muranan Plant



Lunch in Bus



Hokkaido Railway,
Naebo Workshop



17:00 Return to
Sapporo Station



Technical Visits



HOKKAIDO
UNIVERSITY

The Hokkaido University Museum was established in 1999, and has a collection of more than 4 million irreplaceable specimens and academic materials stretching back to the time of the Sapporo Agricultural College (now Hokkaido University), which was founded in 1876. The Museum was established to promote the use of the collection in projects that cannot be undertaken digitally, and makes full use of Hokkaido's geographical location and geomorphological character to undertake educational and research projects that center on the area embraced by Eurasia, the Sea of Okhotsk and the Arctic Circle.



The Museum seeks to encourage young people with talent and imagination to construct a sustainable society in which citizens can lead comfortable lives in harmony with their natural environment, while also undertaking research into such questions as the history of the earth and the evolution of biodiversity, to better understand the origin and genealogy of mankind and the growth of human culture. The Museum also hopes to help establish Sapporo as a model city with a full and rich cultural life.

Okurayama Jump Stadium



Okurayama Jump Stadium is famous as the venue for the 90-meter ski jump competitions at the 1972 Sapporo Winter Olympics. An elevation of 307 meters above sea level provides a magnificent view of the city of Sapporo and the Ishikari Plain. You can also enjoy a delicious meal of a "Hamburg" steak lunch at Lamb Dinning Okurayama.

Chitosetsuru Sake Museum



This Hokkaido-based company was established in 1872 as the first sake brewery in Sapporo. The tsuru part of the name means crane, which is a bird that has spread its white wings and flown over the northern part of Japan gallantly for centuries. Observe the brewing process here and enjoy free samples.

Notice: Technical visits require advanced registration. On-site registration is not available. Due to the circumstances of the SETC 2011 schedule, the committee may ask you not to participate in a tour.

Course B

9:00 - 9:20 Tour Desk Opens at Kane-no-Hiroba in Sapporo Station

Lunch included

