

The background of the slide is a photograph of a night sky. A vibrant green aurora borealis is visible on the left side, with a bright, vertical column of light. The rest of the sky is dark blue with many small, white stars. In the foreground, the dark silhouettes of a forest of evergreen trees are visible against the horizon.

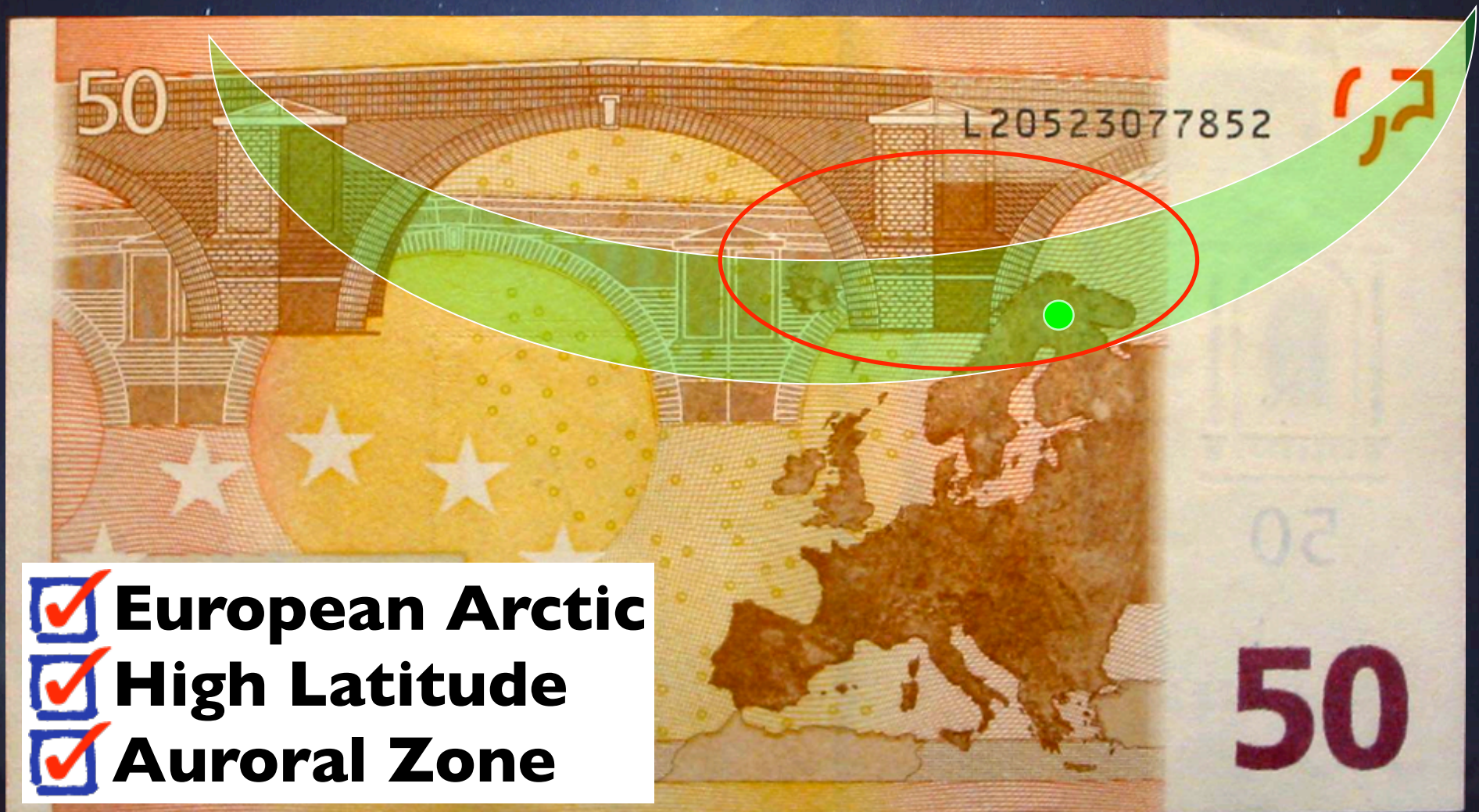
International EISCAT Radar School

Sodankylä Geophysical Observatory
Sodankylä, Finland
30th August - 4th September 2010

A photograph of the Aurora Borealis (Northern Lights) in a dark night sky. The aurora appears as a vibrant green and blue glow, with a prominent green arc on the left side. The sky is filled with numerous stars. In the foreground, the dark silhouettes of a forest of evergreen trees are visible against the horizon. The overall scene is serene and majestic.

WELCOME!

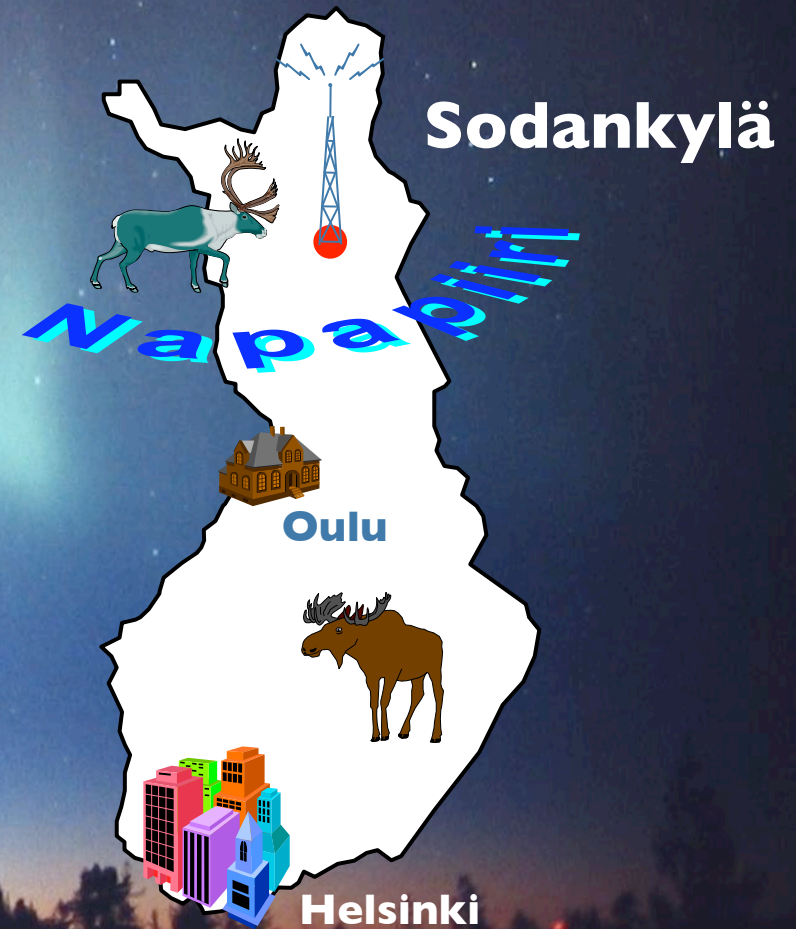
Where we are...



- ☒ **European Arctic**
- ☒ **High Latitude**
- ☒ **Auroral Zone**

Sodankylä Geophysical Observatory

- ➔ First observations during the International Polar Year 1882/83.
- ➔ SGO established 1913.
- ➔ Finland independent from Russia in 1917.
- ➔ SGO part of University of Oulu since 1997.
- ➔ Oldest scientific research institute in Northern Finland.



Library

SGO has a very comprehensive library with material dating back to the IPY 1882/83.

If you need any material,
please ask us for access.

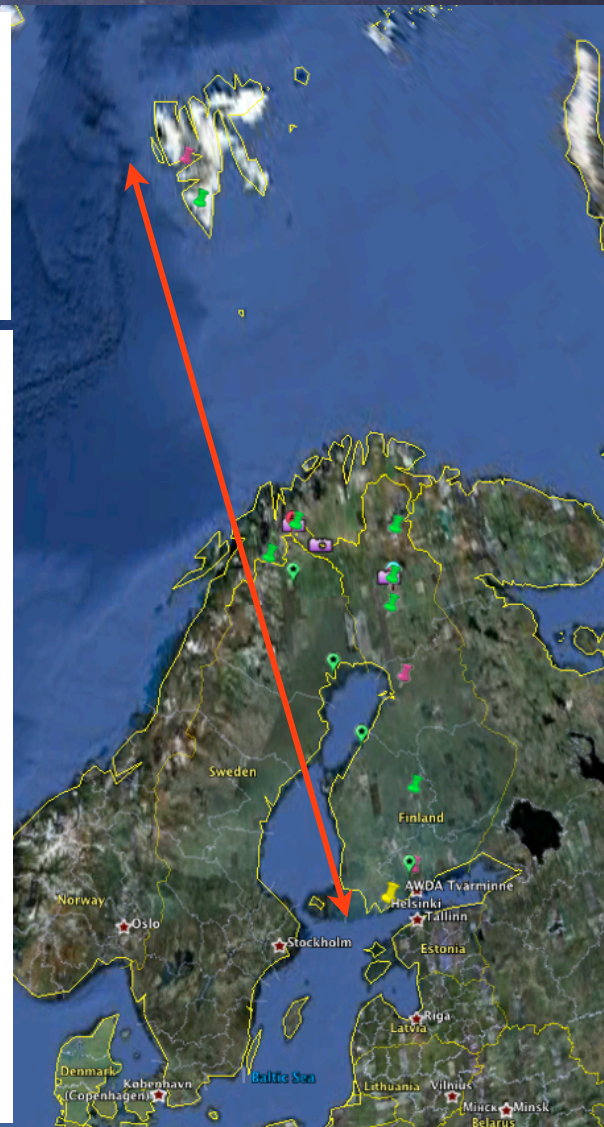


Who we are...

Operations extent
over 2070 km
meridional distance!

We operate:

- Magnetometers
- Pulsation Magnetometers
- Ionosonde
- Riometer Chain
- All-Sky Cameras
- Ionospheric Tomography Chain
- Neutron Monitor
- Various VLF receivers
- Network of Seismic Stations
- Imaging Riometer (U Lancaster)
- Meteor Radar (U Leicester)
- Fabry-Perot Interferometer (UCL)
- etc



Who we are...

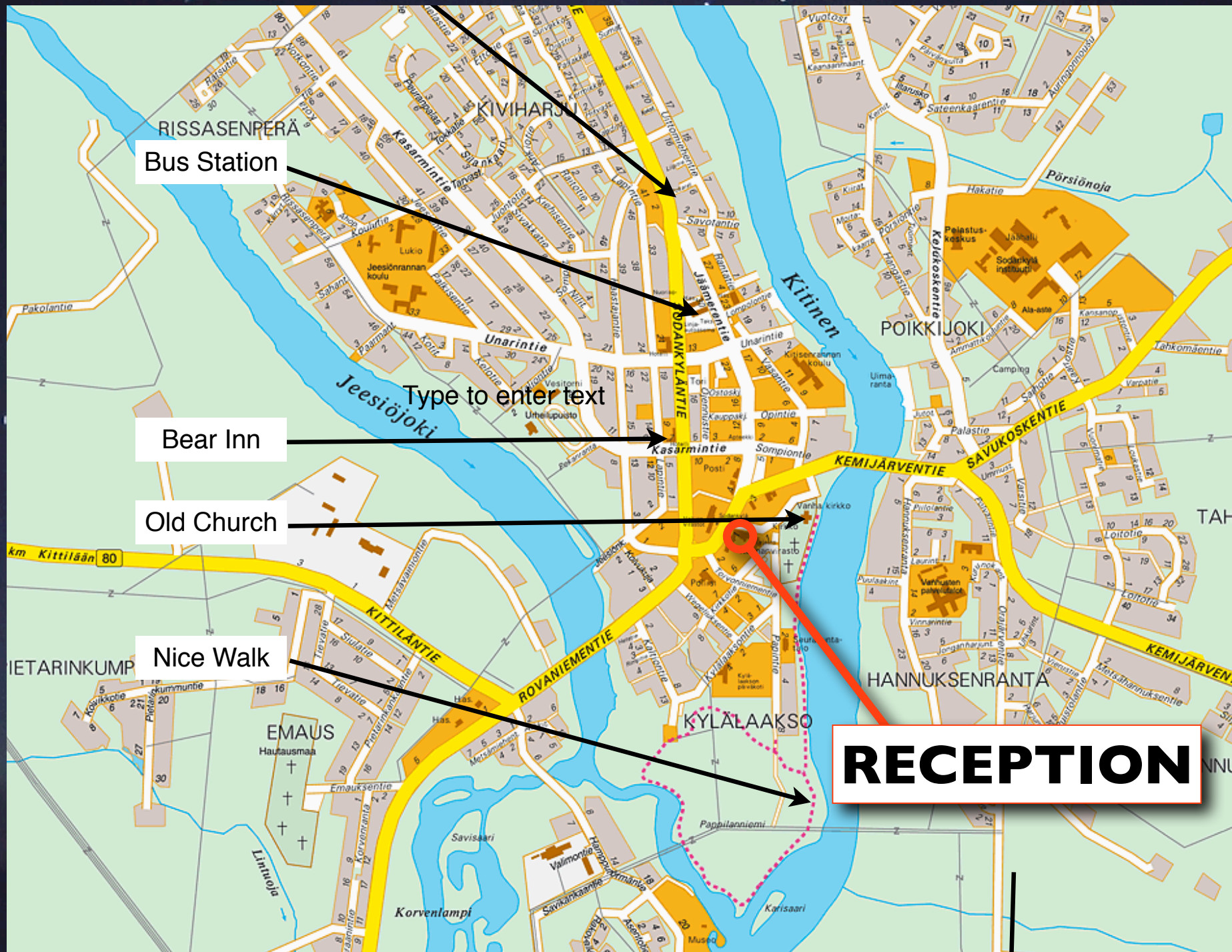


Why we are...



Reception Tonight

- Thanks to the Municipality of Sodankylä for receiving us!
- Dress code: casual.
- Location: see map.



A photograph of the Aurora Borealis (Northern Lights) over a dark forest at night. The sky is dark blue with many stars visible. A bright green aurora arc is visible on the left side, and a fainter, more diffuse green glow is visible in the center. The forest is silhouetted against the horizon, and a small red light is visible on the right side of the horizon.

Questions?

A photograph of the Aurora Borealis (Northern Lights) in a dark night sky. The aurora appears as a bright, greenish-white band of light stretching across the sky, with some vertical rays of light extending downwards. The sky is filled with numerous stars. In the foreground, the dark silhouettes of a forest of evergreen trees are visible against the horizon. The overall scene is serene and majestic.

Enjoy!