

## Educational Internet Solar Radio Observatory

# Masafumi Imai[1]; Yuki Nakata[1]; Hiroaki Kubo[1]; Kazumasa Imai[1]

[1] Department of Electrical Engineering, Kochi National College of Technology

<http://sun.kochi-ct.jp/>

These days, there is fear that students hate science at elementary school, junior high school and high school. To increase student interest, we have suggested measurement of the sun's heat using solar radio waves by The Internet Solar Radio Observatory (ISRO) on the Internet.

We proposed the students understand the solar radio waves and radio telescope in science class or physics class by using the ISRO web site. This site consists of two systems which are the radio telescope control system and the solar radio observation system. The radio telescope control system is controllable in real time over the Internet. The other the solar radio observation system measures sun radio waves and charts this data on a graph which continuously updates, also over the Internet. This telescope consists of a satellite antenna dish, and a rotator including unit control. The detail of this ISRO system is presented.