

Development of seamless science using the SuperDARN network

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Super Dual Auroral Radar Network (SuperDARN) is the network of HF radars operated under the international collaboration of 12 countries. As of Feb 2015 there are 33 SuperDARN radars deployed in the high and mid latitude regions of both hemispheres. Nagoya University has been operating SuperDARN Hokkaido Pair of (HOP) radars since 2006 and 2014. Using the radars it is possible to explore the seamless science ranging from the sun, magnetosphere, ionosphere and the ionosphere, down to the earth's surface. Future perspectives of the seamless science using the SuperDARN network will be discussed.

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