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meisei topics

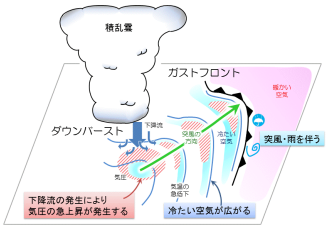
For your guidance about Meisei electric's activities

A "Letter of Thanks" in favor of Meisei Electric

A "Letter of Thanks" was Given by Emergency Earthquake Alert Users Committee !

On the 9th October, a letter of thanks, together with a memorial souvenir, was given to Meisei Electric for our supports and actions in reduction of the earthquake damages and utilization of early warning by the Emergency Earthquake Alert Users Committee relating to the 2011 Tohoku Earthquake and Tsunami.
Our supports for the damaged area has commenced with the suggestions of Professor Toshitaka Katada and others of Gunma University and provided QCAST®Series S740 unit with the transmission of ANET Co., Ltd. (Tokyo) for 4 primary and junior high schools in Shiogama City (Miyagi Prefecture) for their use since June 2011.
Meisei Electric will continuously contribute to the social development with safety and relief through our sophisticated ranges of disaster prevention products and services.

Compact Weather System "POTEKA Sta."



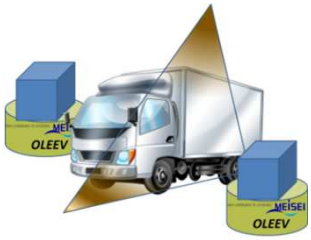
An Imaged Structure of Downburst and Gast Front

"POTEKA Sta." Observed Gust Phenomena in Takasaki and Maebashi Cities !

On the 11th August, a gust of wind has taken place around from Takasaki City to Maebashi City in Gunma Prefecture, and the damages of fallen trees and buildings have occurred. According to the JMA (Japan Meteorological Agency), it was reported that the phenomenon which brought this gust of wind is very likely to be a downburst or a gust front.
The meteorological experts say that it is next to impossible to observe the actual situations of a sudden local phenomenon such as a tornado or a downburst with the thunder cloud. However, the local weather observation network consisting of compact weather system "POTEKA Sta." succeeded in observing the changes of temperature and atmospheric pressure in the neighborhood of the earth surface generated by the spread of a gust with unprecedented temporal and spatial resolution. Together with Gunma University and Yotsuba Junior High School we will look into elucidation of gust mechanism and utilization method of the data making use of what we have successfully observed.

*Downburst:: Intense downward air current to blow down from thunder cloud
*Gust front: : Small front which cold air spread horizontally on the surface of the earth collides with warm air and takes place

An Image of Contamination Measurement for Waste



An Image of Drive-Through Radiation Checking of Truck Cargo

Meisei Electric will be Deeply Involved in the Development of " *High Sensitive Wide Area Gamma Ray Telescope" for JST's Program !

As a theme of new development the "High Sensitive Wide Area Gamma Ray Telescope" was successfully selected for Japan Science and Technology (JST) 2014 (*) Development of Systems and Technology for Advanced Measurement and Analysis. It is a radiation monitoring instrument with wide reception area enabling quick and highly reliable, precise and sensitive imaging measurement for radiation dose rate.
It will detect gamma ray of the cesium origin to be included in a product or soils in a large area from the remote place and as a result will contribute to restoration and reconstruction of the disaster area.
At first this development aims to complete prototype for commercialization based upon the idea of Associate Professor Makoto Sasaki of ICRR (Institute for Cosmic Ray Research), the University of Tokyo. For reference it was originally named as OLEEV (Observation of Low Energy Electron Vertices) and renamed "High Sensitive Wide Area Gamma Ray Telescope".

(*) "Development of Systems and Technology for Advanced Measurement and Analysis": For the details, please see: http://www.jst.go.jp/sentan/en/index.html

SENSING & COMMUNICATION

We will contribute to develop safe and secure society, creating innovative products and services by full use of our original "SENSING & COMMUNICATION" technology.

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