



## Protects people and equipment from lightning strikes

### Abstract

We are studying technologies to control lightning strikes to prevent them from causing damage to people or facilities, such as the technology to capture and guide lightning strikes using drones, and that to prevent the occurring of lightning strike itself. Moreover, we are also studying the acquisition and utilization of lightning energy.



### Exhibitors

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

### Features

- Captures lightning strikes with high accuracy by pinpoint prediction of their position
- Charges lightning energy with ultra-high voltage capacitors

### Application Scenarios

- Prevents lightning damage to various infrastructures
- Prevents lightning strikes on spectators, staff, facilities, etc. at outdoor events

### Roadmaps

- We will proceed with R&D in lightning control drones, chargers, lightning strike position prediction, etc. In 2022, lightning control experiments in the natural environment will be started.

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