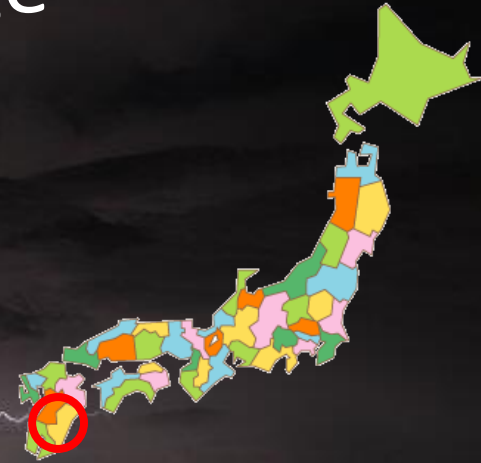


Improvement of Discharge Time Lag by Impulse Corona Discharge



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Leading Innovation >>>

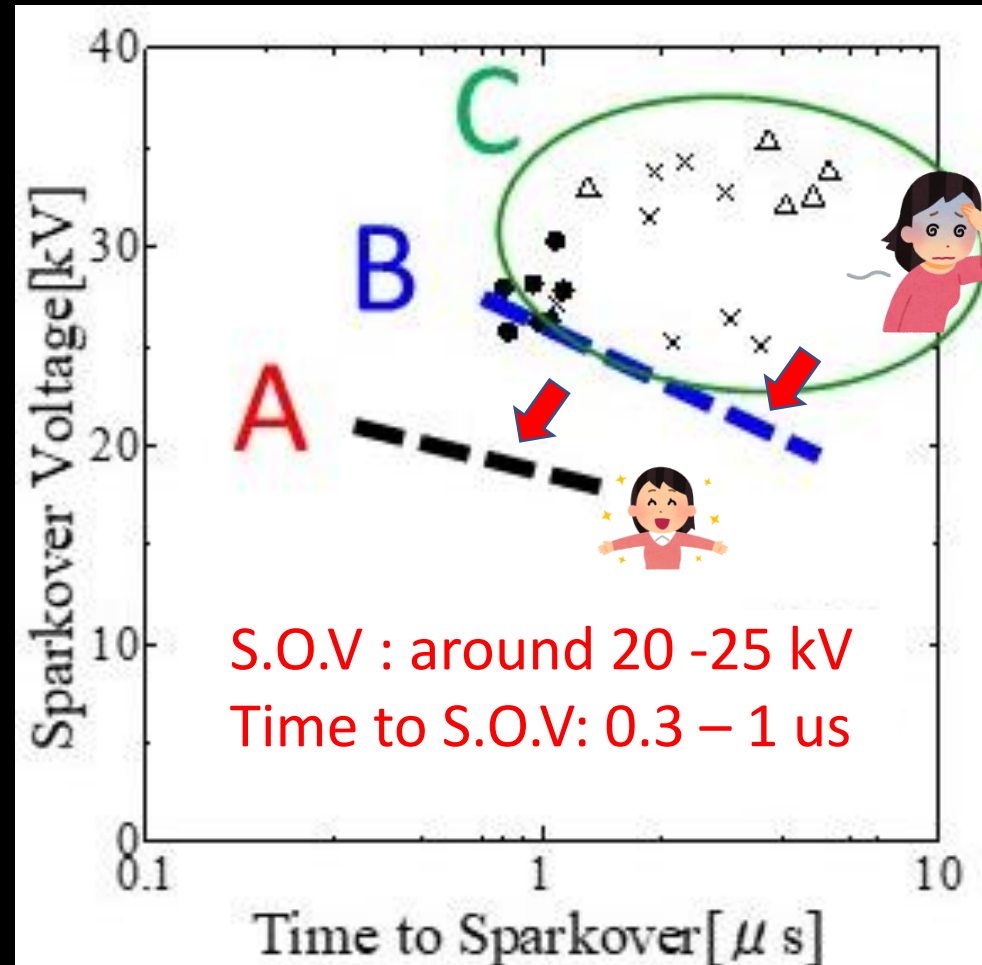
Motivation

Role of Surge Arrester

Surge



V-t characteristic of a spark gap



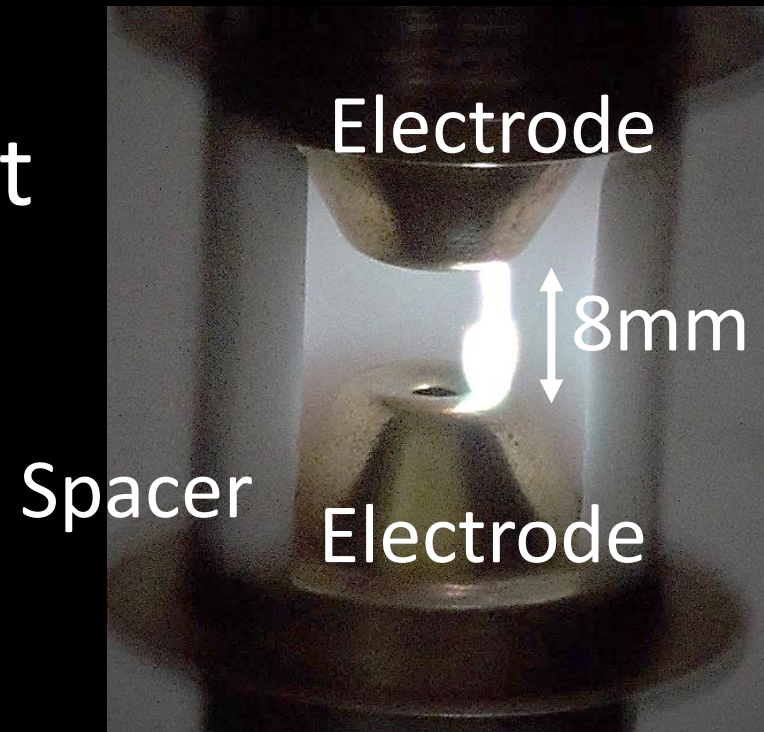
i.e., Discharge Time Lag

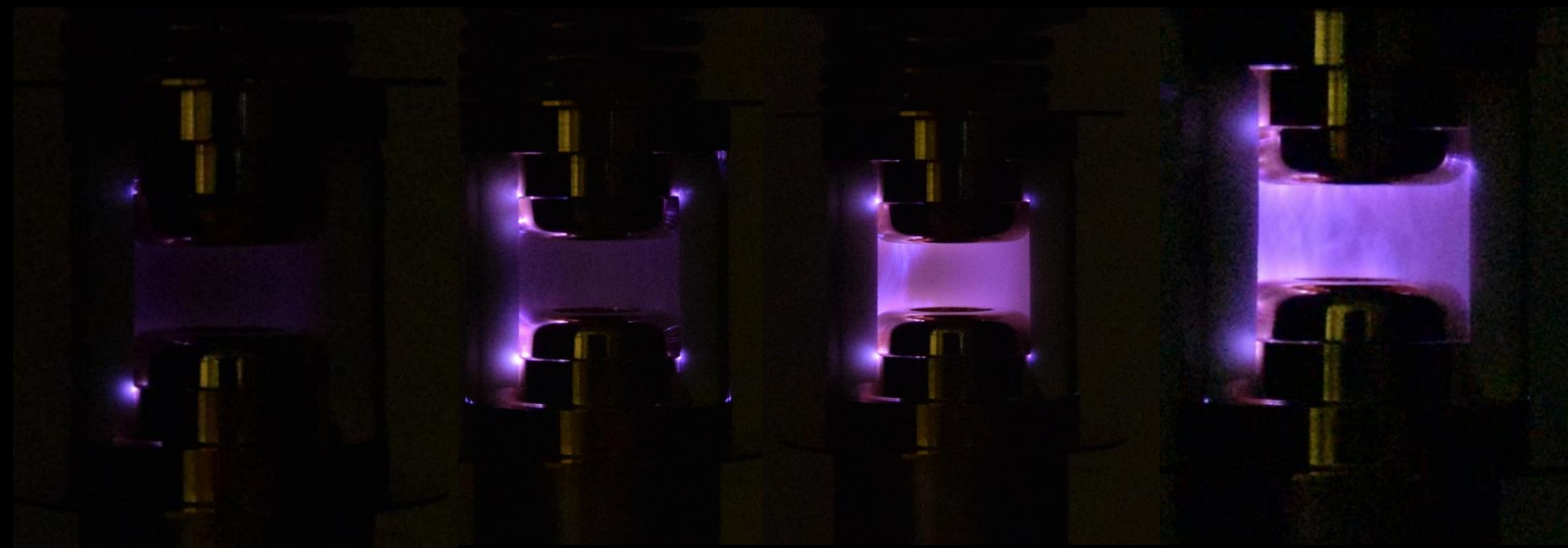
Aim of Our Research

the improvement of the discharge time lag
in a spark gap of a surge arrester

Viewpoints

- Dielectric Constant
- Electrode Shape





7.0kV_{rms}

8.4kV_{rms}
F.O電圧10.6kV

9.8kV_{rms}

10.4kV_{rms}