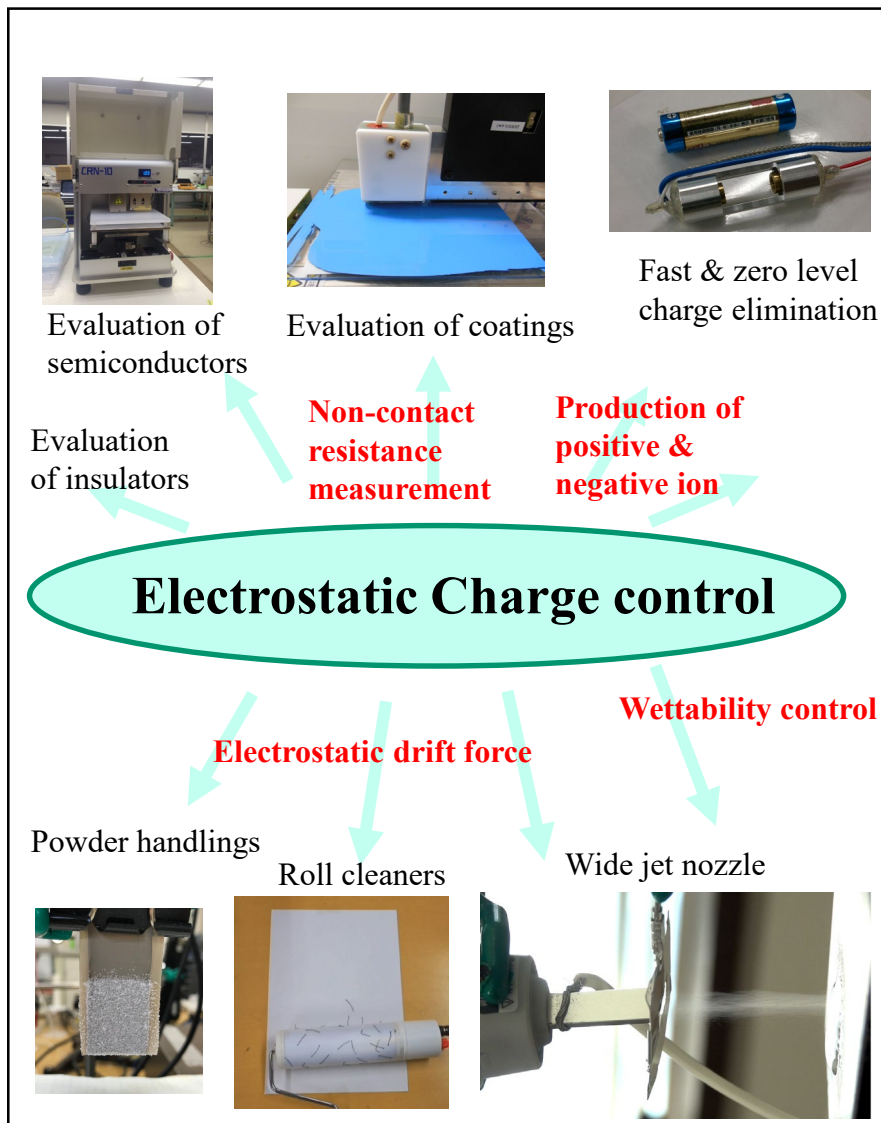


Measuring, manipulating, adhering method by an electrostatic charge control

Associate professor Toshiyuki Sugimoto



Content:

New techniques are produced by an electrostatic charge control such as follows.

- Non-contact resistance measurement
 - Evaluating coating thickness, curing state, deterioration status.
 - Evaluating semiconductor dopant, pollution level of insulators.
- Electrostatic particle feeders
 - Feed control of tiny amount of powders.
- Electrostatic roll cleaners
 - Dust removal using electrostatic force without adhesive material.
- Electrostatic wide jet nozzle
 - Atomization of liquid and 100 % deposition by electrostatic force.
- High performance ionizer
 - Fast and zero-level neutralization, low cost charge elimination.

Appealing point:

Idea of above techniques are came from industrial needs then our original control are added. The industrial needs are my drive force to create new technique.

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