

START a new realization

Set initial conditions on cluster energy

Cluster accelerates under an electric field while a random time to the next collision and a random time to decomposition are computed

Does the cluster reach the path-end before collision or decomposition?

YES

NO

END of realization.
Add +1 to
escaped clusters

Does the cluster
decompose before
the collision?

YES

NO

END of realization.
Add +1 to
decomposed clusters

Collision
takes place

Energy is
redistributed