

# CAMT Seminar

## “Introduction to Monte Carlo simulation of electron transport”

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Date: November 21, 2018 (Wed) 13:30-14:30

Location: Main Conference Room (1st floor), Bldg. A12

Center for Atomic and Molecular Technologies (CAMT)

(A12 棟 1 階会議室)

### Abstract:

The talk discusses the basic ideas of the particle-based kinetic description of the motion of charged particles in an electric field, in the presence of a background gas. We overview the generation of random numbers with proper distributions, the calculations of collision probabilities, the integration of the equation of motion and the execution of collision processes. Examples will be given for electron transport in homogeneous electric field.

(Host: Satoshi Hamaguchi Ext:7913)