

CAMT Seminar

“Atmospheric pressure discharges and their application
in ion mobility spectrometry”

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Date: October 1st, 2015 (Thu) 14:00-15:00
Location: Main Conference Room (1st floor), Bldg. A12
Center for Atomic and Molecular Technologies (CAMT)
(A12 棟 1 階会議室)

Abstract

Atmospheric pressure discharges are suitable sources of ions for Ion Mobility Spectrometry (IMS). Corona discharge may be used as an ion source for IMS. In this study, influence of power, gas flow, and gas composition on the formation of ions (chemical ionization) have been examined. Applications of IMS with corona discharge ions sources are also discussed.

(Host: Satoshi Hamaguchi Ext:7913)