CAMT Seminar

“Physics of High Density Plasma Sources II”

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Date: March 09, 2017 (Thu) 13:30-15:00
Location: Main Conference Room (1st floor), Bldg. A12
Center for Atomic and Molecular Technologies (CAMT)
(A12 棟 1 階会議室)

Abstract:
In this series of lectures, basic physics of low-temperature plasmas will be discussed and then the theory and knowledge will be extended to widely used plasma sources. The contents include

1. Introduction
2. Ohmic heating and wave propagation
3. Transversal conductivity and non-local heating
4. ICP discharges
5. Helicon discharges
6. ECR discharges
7. Microwave surface wave discharges
8. Summary

This lecture series is intended for students or early-career scientists who already have some knowledge on basic plasma physics or use plasmas regularly in their work.
The lecture II covers 4. – 5.(1st part) above.

(Host: Satoshi Hamaguchi Ext：7913)