

The Condensed Matter Theory / Computational Materials Science Seminar

## CMT/CMS seminar

**Date & Time:** May 28th 3:30pm  
**Place:** 8F large seminar rm, Sengen main bldg  
**Speaker:** Professor Masatoshi Imada  
Dept. of Applied Physics, the University of Tokyo  
今田正俊教授  
東京大学大学院工学系研究科物理工学専攻

**Title:**

First Principles Calculations and Strongly Correlated Electron Systems

第一原理計算手法と強相関電子系

**Abstract:**

We discuss recent efforts toward understanding properties of strongly correlated electron systems through first principles calculations. The methods as applied to organic conductors and iron pnictide superconductors will also be discussed.

強相関電子系を第一原理的に解き明かそうとする最近の研究手法の潮流とその結果を解説しながら、有機導体や鉄系超伝導体への応用などについても紹介する。

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