平成19年度博士後期課程修了者および博士課程論文題目

菅原 彩子

Terahertz photoconductive study of 2D and 3D electron systems in semiconductors

山田 尚史

Fluctuations in Colloidal Crystal Studied by Optical Method

古川 武

Precise Laser Spectroscopy of Atoms in Superfluid Helium for Investigation of Nuclear Structure

大谷 一人

Experimental Study on Energy Transport and Hydrodynamic Instabilities of Inertial Confinement Fusion Targets

柏木 隆成

Multi-frequency and high magnetic field electron spin resonance in the quantum spin system Ni(C5H14N2)2N3(PF6) and the diluted magnetic semiconductor GaN:Fe

河井 友也

Split Fermi Surface Properties and Superconductivity in the Non-centrosymmetric Crystal Structure

正田 薫

Structural Characterization of Functionalized Carbon Materials in CF4 Plasma

豊田 雅之

Development and Application of Self-interaction Correction in First-principles Electronic Structure Calculations to Design New Materials for Spintronic Devices

永田 健太郎

Interaction between Alternating Magnetic Fields and a Relativistic Collisionless Shock

野間 唯

Wilson Loops in Five Dimensional Cohomological Field Theories

東 建志

Wilsonian Renormalization Group Approach to Three Dimensional Nonlinear Sigma Models

福島 鉄也

Ab initio and Statistical Investigations of Electronic Structure and Finite Temperature Magnetism in Dilute Magnetic Semiconductors

藤田 訓裕

Measurement of Proton Induced Coherent Pion Production

Truong Cong Duan

Magnetic and Optical Properties of Rb and Cs Clusters Incorporated into Zeolite A

Nguyen Hoang Nam

Magnetism of Alkali Metal Clusters in Pressure-doped Zeolites