

物理学第一分野DC3回生研究発表会御案内

下記の通り、DC3回生研究発表会を開催致します。

日 時 2015年11月24日(火) 9:00~18:25
場 所 理学研究科5号館 5階・第四講義室(525号室)
発 表 15分(別に質問時間10分程度)

発表の順番及び題目は次の通りです。

1. Derivation of Stokes' law without the hydrodynamic equations
伊丹 将人 (9:00)
2. Shape fluctuation and deformation of biological soft interfaces
伊藤 弘明 (9:25)
3. Nonlinear analysis of the interfacial layer effects on the surface
capacitances and electro-osmosis in electrolyte solutions
植松 祐輝 (9:50)
4. Disorder effects on quantum phase transition of ^4He in nanoporous media
小形 悠 (10:15)

10:40~10:50 休憩

5. Mode bifurcation of a chiral asymmetric dumbbell on a vertically vibrated plate
久保 善嗣 (10:50)
6. Coherence resonance occurred in oscillatory motion of
a micrometer-sized droplet between electrode needles
栗村 朋 (11:15)
7. An ultracold Fermi gas with localized impurities in an optical
lattice with controllable interaction
小西 秀樹 (11:40)
8. Emergent quantum phenomena in inhomogeneous optical lattices
阪井田 賢 (12:05)

12:30~13:30 昼休み

9. Studies on Non-equilibrium Fluctuating Motion as a Rectifier
佐野 友彦 (13:30)

1 0 . Transition dynamics from macro- to micro-phase separation
in asymmetric lipid bilayers

下林 俊典 (1 3 : 5 5)

1 1 . Density-matrix renormalization group study of quantum spin systems
with Kitaev-type anisotropic interaction

新城 一矢 (1 4 : 2 0)

1 2 . Estimating effective connectivity between brain areas with DCM

新谷 俊了 (1 4 : 4 5)

1 5 : 1 0 ~ 1 5 : 2 0 休憩

1 3 . Kinetic theory for cohesive granular gases with a square well potential

高田 智史 (1 5 : 2 0)

1 4 . Ejection-Jet cycle: self-sustaining mechanism of turbulent-laminar interface

寺村 俊紀 (1 5 : 4 5)

1 5 . Laser spectroscopic study of an atomic Bose-Hubbard system
with an atom-number-projection method

中村 悠介 (1 6 : 1 0)

1 6 . Dimer solid-liquid transition in the honeycomb compound $\text{Li}_{2-x}\text{RuO}_3$

JIMENEZ SEGURA, Marco Polo (1 6 : 3 5)

1 7 : 0 0 ~ 1 7 : 1 0 休憩

1 7 . The effect of the confinement into nano-micelles on the liquid crystalline order

坊野 慎治 (1 7 : 1 0)

1 8 . Nuclear Magnetic Resonance Studies on Heavy Fermion Superlattices

山中 隆義 (1 7 : 3 5)

1 9 . Study of thermal Hall effect in a frustrated magnet

渡邊 大樹 (1 8 : 0 0)