

# 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。

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日 時 2013年1月21日(月) 9:00~15:45  
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)

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発表の順番及び題目は次の通りです。

1. Steplike electric conduction in a classical two-dimensional electron system through a narrow constriction in a microchannel  
荒木 元 ( 9 : 0 0 )
2. Nonequilibrium Dynamics of Deformable Self-Propelled Particles  
市野 悠 ( 9 : 2 5 )
3. Non-centrosymmetric superconductivity in  $d$ -electron compounds  
江口 学 ( 9 : 5 0 )
4. Visualization of the Spatial Distribution of Order Parameter in Superfluid  $^3\text{He}$  with Nuclear Magnetic Resonance Imaging  
金本 真知 ( 1 0 : 1 5 )

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10:40~10:50 休憩

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5. Novel ferromagnetic quantum criticality in the heavy-fermion iron oxynictide  $\text{Ce}(\text{Ru}_{1-x}\text{Fe}_x)\text{PO}$   
北川 俊作 ( 1 0 : 5 0 )
6. Vacancy trapping and spin-flip transitions of paraexcitons in cuprous oxide studied by visible and terahertz spectroscopy  
Sandhaya Koirala ( 1 1 : 1 5 )
7. Controlling the Dynamics of a Localized Domain in an Excitable Reaction-Diffusion System by a Time-Delayed Feedback  
設楽 恭平 ( 1 1 : 4 0 )
8. Nonlinear Transport Phenomena in Semiconductor Studied by Terahertz Nonlinear Spectroscopy  
篠北 啓介 ( 1 2 : 0 5 )

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12:30~13:30 昼休み

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9. An SU(6) Mott insulator of an atomic Fermi gas realized by  
large-spin Pomeranchuk cooling

田家慎太郎 (13 : 30)

10. Mesoscopic Heterogeneity and large response to external fields in  
Glassy Ferroelectric Crystals

高江 恭平 (13 : 55)

11. Ultrafast Carrier Dynamics in Graphene under a High Electric Field

谷 峻太郎 (14 : 20)

12. Resistance Enhancement in the  $\nu = 2/3$  Quantum Hall State

津田 是文 (14 : 45)

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15 : 10 ~ 15 : 20 休憩

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13. Novel mesophase in the region between Cholesteric and  
Perforated Lamellar -Nematic phases

吉岡 潤 (15 : 20)