

2014年度 物理学科大輪講 第2回

日時：10月22日(水) 14時40分から

場所：中央棟 301 教室

時間：25分(発表20分、討論5分)

前半(14:40-16:20)

座長：渡邊

1. 11-041-056 (田中研究室) 14:40-15:05
Printing color at the optical diffraction limit
Karthik Kumar, Huigao Duan, Ravi S. Hegde, Samul C. W. Koh, Jennifer N. Wei,
Joel K. W. Yang
Nature Nanotechnology, vol. 7, p. 557 (2012)
2. 10-041-001 (田中研究室) 15:05-15:30
Self-Assembly of Ordered Microporous Materials from Rod-Coil Block Copolymers
Samson A. Jenekhe and X. Linda Chen
Science 283, 372 (1999)
3. 11-041-007 (荒川研究室) 15:30-15:55
ADSORPTION, 2D PHASE TRANSITION AND COMMENSURATE 2D PHASE
OF Xe ON Pt(111)
Bene POELSEMA, Laurens K. VERHEIJ and George COMSA
Surface Science 152/153 (1985)851-858
4. 11-041-031 (荒川研究室) 15:55-16:20
ELLIPSOMETRIC STUDY OF THE PHYSISORPTION OF BENZENE ON GRAPHITE
H. J. KOORT, K. KNORR and H. WIECHERT
Surface Sienece 192 (1987) 187-196

後半 (16:30–17:20)

座長：荒川

5. 11-041-001 (渡邊研究室) 16:30–16:55

Rapid chemical and topological ordering in supercooled liquid $\text{Cu}_{46}\text{Zr}_{54}$

V. Wessels, A. K. Gangopadhyay, K. K. Sahu, R. W. Hyers, S. M. Canepari, J. R. Rogers, M. J. Kramer, A. I. Goldman, D. Robinson, J. W. Lee, J. R. Morris, and K. F. Kelton

PHYSICAL REVIEW B, vol. 83, p. 094116-1 (2011)

6. 11-041-062 (渡邊研究室) 16:55–17:20

Surface Tension of Liquid Iron as Functions of Oxygen Activity and Temperature

Keisuke MOROHOSHI, Masahito UCHIKOSHI, Minoru ISSHIKI and Hiroyuki FUKUYAMA

ISIJ International , Vol.51(2011), p.1580 (2011)