

2014年度 物理学科大輪講 第1回

日時：10月15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(14:40-16:00)

座長：井田

1. 11-041-010 (平野研究室) 14:45-15:10
d-Wave Collapse and Explosion of a Dipolar Bose-Einstein Condensate
T. Lahaye, J. Metz, B. Fröhlich, T. Koch, M. Meister, A. Griesmaier,
T. Pfau, H. Saito, Y. Kawaguchi, and M. Ueda
Physical Review Letters, vol. 101, 080401 (2008)
2. 11-041-061 (平野研究室) 15:10-15:35
QUANTUM CRYPTOGRAPHY:PUBLIC KEY DISTRIBUTION AND COIN
TOSSING
Charles H. Bennett, Gilles Brassard
Proceedings of IEEE International Conference on Computers Systems and
Signal Processing,Bangalore India, pp 175-179, December 1984.
3. 11-041-004 (渡邊研究室) 15:35-16:00
The structure and stability of multiple micro-droplets
Jan Guzowski, Piotr M. Korczyk, Slawomir Jakiela and Piotr Garstecki
Soft Matter,vol.8,Page 7083,(2012)

後半 (16:10–17:25)

座長：平野

4. 11-041-040 (渡邊研究室) 16:10–16:35

A model for the prediction of liquid-liquid interfacial energies

Jurgen Brillo • Rainer Schmid-Fetzer

Journal of Materials Science , Volume 49, pp 3674 , 2014

5. 11-041-028 (荒川研究室) 16:35–17:00

INFRARED REFLECTION-ABSORPTION STUDY OF THE ADSORBATE-SUBSTRATE STRETCH OF CO ON Pt(111)

Igor J. MALIK and Michael TRENARY

Surface Science 214 L237 (1989)

6. 11-041-008 (荒川研究室) 17:00–17:25

Infrared absorptions of the H₂O...H₂ complex trapped in solid neon

Daniel Forney, Marilyn E. Jacox, and Warren E. Thompson

JOURNAL OF CHEMICAL PHYSICS , vol.121, p.5977 (2004)