

2013年度 物理学科大輪講 第5回

日時: 11月13日(水) 14時40分から

場所: 北1号館 201教室

時間: 25分(発表20分、討論5分)

前半 (14:40-15:55)

座長: 田崎

1. 10-041-043 (高橋研究室) 14:40-15:05
systematic study of the electronic state in β -type BEDT-TTF organic conductors by changing the electronic correlation
Takehiko Mori
PHYSICAL REVIEW B , VOLUME 57, NUMBER19(1998)
2. 09-041-021 (渡邊研究室) 15:05-15:30
Interfacial tension between molten iron and CaO-SiO₂-MgO-Al₂O₃-FeO slag system
S.-C.Park,H.Gaye and H.-G.Lee
Ironmaking and Steelmaking VOL.36 , p.3 (2009)
3. 10-041-021 (荒川研究室) 15:30-15:55
ELLIPSOMETRIC STUDY OF THE TRANSITION LAYER ON THE SURFACE OF AN ICE CRYSTAL
Y.FURUKAWA M.YAMAMOTO T.KURODA
Journal of Crystal Growth, 82, p.665 (1987)

後半 (16:05–17:45)

座長：渡邊

4. 10-041-017 (西坂研究室) 16:05–16:30
Tubulin polyglutamylation is essential for airway ciliary function through the regulation of beating asymmetry.
Ikegami K, Sato S, Nakamura K, Ostrowski LE, Setou M.
Proc. Natl. Acad. Sci. USA , vol. 107, p. 10490(2010)
Three-dimensional motion of an isolated murine tracheal cilium under load
負荷をかけた状態での単離マウス気管上皮シリアの三次元運動
Takanobu Kato, Toshihito Iwase, Tomoko Masaike, Koji Ikegami, Mitsutoshi Setou, Takayuki Nishizaka
生物物理, vol.53 SUPPLEMENT 1, p.S72(2013), Abstract

5. 10-041-050 (渡邊研究室) 16:30–16:55
Deformation of Droplets Suspended in Viscous Media in an Electric Field.
1.Rate of Deformation
Satoru Moriya, Keiichiro Adachi, and Tadao Kotaka
Langmuir , vol. 2 , p.155 (1986)

6. 09-041-029 (理論研究室) 16:55–17:20
Solitons in one-dimensional magnets
H. J. Mikeska
Journal of Applied Physics, vol.52, p.1950 (1981)

7. 10-041-006 (平野研究室) 17:20–17:45
Spontaneous Pattern Formation in an Antiferromagnetic Quantum Gas
J. Kronjager, C. Becker, P. S. Panahi, K. Bongs and K. Sengstock
Physical Review Letters 105,090402 (2010)