

Miniworkshop on Mesoscopic Physics 2010

October 30 ~ 31, 2010

<http://phys.cts.nthu.edu.tw/actnews/actnews.php?Sn=429926>

Oct. 30 (Sat.) 國立交通大學浩然圖書館B1 國際會議廳

V1: Library Conference Room, Nat'l Chiao Tung Univ., Hsinchu.

10:00 Boris Altshuler (Columbia)

Many body weak localization

11:10 Lu-Yao Wang (NCTU)

Recent result of time-dependent universal conductance fluctuations in RuO₂ nanowires

12:00 Andrei Varlamov (Rome U)

Quantum phase transition in vortex matter

14:00 Dingping Li (Peking U)

Phase diagram of vortex matter

15:10 Jiunn-Yuan Lin (NCTU)

Specific heat measurements in Fe based superconductors

15:50 Andrei Varlamov (Rome U)

Nernst effect in superconductors

16:30 Chih-Wei Luo (NCTU)

Nernst signal and conductivity in cuprates



Oct. 31 (Sun.) 國立台灣師範大學分部理學院大樓B101室會議廳

V2: B101, Sci. College Build., Sci. Campus of Nat'l Taiwan Normal U., Taipei.

10:00 Andrei Varlamov (Rome U)

Nernst effect in 2D electron gas

11:10 Chyh-Hong Chern (NTU)

Proposed Non-magnetic Stern-Gerlach Experiment from Electron Diffraction

12:00 Pei-Hsun Jiang (NTNU)

Microwave measurements on 2DES in semiconductors and in graphene

14:00 Boris Altshuler (Columbia)

Datoms on graphene

15:10 Baruch Rosenstein (NCTU)

Subtleties of "ballistic" transport in graphene

16:10 Hsiang-Lin Liu (NTNU)

Magneto-spectroscopy studies of graphite nanoplatelet films



Organizers : Juhn-Jong Lin and Baruch Rosenstein (NCTU),
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