

Poster Programme for Quantum Condensates, Cambridge July 6th-7th 2005

1.01 An Electronic Array on Liquid Helium

D.G.Rees, P.Glasson, V.Antonov, P.G.Frayne, M.J.Lea, P.J.Meeson and L.Simkins,
Department of Physics, Royal Holloway, University of London,
Egham, Surrey TW20 0EX

1.02 Tortuosity of Liquid ⁴He in Aerogel

C. Ashon(1), N. Mulders(2) and A. I. Golov(1)

(1) School of Physics and Astronomy, University of Manchester,
Manchester M13 9PL

(2) Department of Physics and Astronomy, University of Delaware,
Newark DE 19716, USA

1.03 Knudsen Flow of Ballistic Quasiparticles in the B Phase of Superfluid ³He at Ultralow Temperatures

D.I. Bradley, S.N. Fisher, A.M. Guenault, R.P. Haley, H. Martin, G.R. Pickett,
J.E. Roberts, V. Tsepelin
Physics Department, Lancaster University, Lancaster, LA1 4YB

1.04 The Kapitza Resistance of the A-B Phase Interface in Superfluid ³He at Ultralow Temperatures

D.I. Bradley, S.N. Fisher, A.M. Guenault, R.P. Haley, H. Martin, G.R. Pickett,
J.E. Roberts, V. Tsepelin
Physics Department, Lancaster University, Lancaster, Lancashire, LA1 4YB

2.01 Magnetic Properties of CeRhSb_{1-x}Sn_x Near the Kondo Insulator -> Non-Fermi Liquid Quantum Critical Point

Leszek Spalek^{*}, K.Tomala⁺, A.Zarzycki⁺, A.Slebarski⁺⁺

The H.Niewodniczanski Institute of Nuclear Physics, Polish Academy of
Sciences, Radzikowskiego 152, 31-342 Krakow, Poland

+ Marian Smoluchowski Institute of Physics, Jagiellonian University,
Reymonta 4, 30-059 Krakow, Poland

++ Institute of Physics, University of Silesia, Uniwersytecka 4,
40-007 Katowice, Poland

2.02 Hydrostatic Pressure Studies of Superconductivity and Magnetism in YbPd₂Sn

A-M Cumberlidge^{*}, P. L. Alireza^{*}, G.G. Lonzarich^{*}, N. Bernhoeft⁺

^{*} University of Cambridge, Cavendish Laboratory, Madingley Road,
Cambridge CB3 0HE

⁺ CEA, DRFMC/SPSMC, 38054 Grenoble, France

2.03 High Field State of CeRu₂Si₂

R. Daou*, C. Bergemann*, S.R. Julian⁺

* University of Cambridge, Cavendish Laboratory, Madingley Road,
Cambridge CB3 0HE

⁺ Department of Physics, University of Toronto,
Toronto ON, M5S 1A7 Canada

3.01 Interlayer Tunnelling Current in a Disordered Quantum Hall Bilayer System

Oliva Garcia Cantu Ros

Blackett Laboratory, Condensed Matter Theory Group, Imperial College,
London SW7 2BZ

3.02 The Language of Quanta in the Vacuum

Nick Rossiter and Michael Heather

Northumbria University