

Conference to Celebrate 50th Anniversary of
 Brian Josephson's Seminal Paper
 Cambridge (UK), 23 June, 2012



$$I(t) = I_c \sin(\Delta\phi(t))$$

Organising Committee:

James Stirling (Cambridge)
 John Clarke (Berkeley)
 Judith Driscoll (Cambridge)

Advisory Board:

John Waldram (Cambridge)
 Malcolm Longair (Cambridge)

Invited Speakers:

Brian Josephson (Cambridge)
 Philip Anderson (Princeton)
 Mark Blamire (Cambridge)
 John Clarke (Berkeley)
 Cathy Foley (CSIRO, Australia)
 Risto Ilmonen (Aalto, Finland)
 Kent Irwin (NIST, Boulder)
 John Martinis (UCSB)
 Brian Petley (NPL)
 John Rowell (ASU)
 Arnold Silver (Rancho Palos Verdes)
 Dale Van Harlingen (UIUC)

<http://www.phy.cam.ac.uk/Josephson>

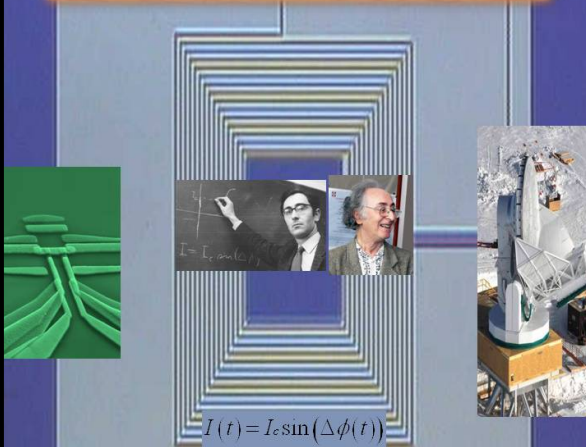
Contact: lh294@cam.ac.uk

bdj50 – Saturday 23rd June, Trinity College Cambridge

Conference to celebrate the 50th anniversary of the publication of Brian Josephson's seminal paper:

"Possible new effects in superconductive tunnelling," Physics Letters 1, 251 (1962)

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CRYOGENIC **IOP** **Institute of Physics** **EPSRC**
CRYOGENIC LIMITED Engineering and Physical Sciences Research Council
Superconductivity Group



29 Cavendish Nobel Prize Winners

- Lord Rayleigh (Physics, 1904)
- Sir J.J. Thomson (Physics, 1906)
- Lord Ernest Rutherford (Chemistry, 1908)
- Sir Lawrence Bragg (Physics, 1915)
- Charles Barkla (Physics, 1917)
- Francis Aston (Chemistry, 1922)
- Charles Wilson (Physics, 1927)
- Arthur Compton (Physics, 1927)
- Sir Owen Richardson (Physics, 1928)
- Sir James Chadwick (Physics, 1935)
- Sir George Thomson (Physics, 1937)
- Sir Edward Appleton (Physics, 1947)
- Lord Patrick Blackett (Physics, 1948)
- Sir John Cockcroft (Physics, 1951)
- Ernest Walton (Physics, 1951)
- Francis Crick (Physiology or Medicine, 1962)
- James Watson (Physiology or Medicine, 1962)
- Max Perutz (Chemistry, 1962)
- Sir John Kendrew (Chemistry, 1962)
- Dorothy Hodgkin (Chemistry, 1964)
- **Brian Josephson (Physics, 1973)**
- Sir Martin Ryle (Physics, 1974)
- Anthony Hewish (Physics, 1974)
- Sir Nevill Mott (Physics, 1977)
- Philip Anderson (Physics, 1977)
- Pjotr Kapitsa (Physics, 1978)
- Allan Cormack (Physiology or Medicine, 1979)
- Sir Aaron Klug (Chemistry, 1982)
- Norman Ramsey (Physics, 1989)



Cavendish staff and research students 1962

Cavendish Laboratory 2012 – at a glance

860 people

- 70 academics
- 130 visitors/emeritus
- 170 research staff
- 130 assistant staff
- 360 graduate students

860 undergraduates

£22M research grant
income p.a.



