



# MEASUREMENT ERROR BIAS: ISSUES AND FUTURE DIRECTIONS

Wednesday 28 April 2010, 13.00-17.00 (lunch from 12.00)

with Optional Morning Tutorial

London School of Hygiene and Tropical Medicine, Keppel Street, London WC1E 7HT

This meeting will focus on the issues that arise in the presence of measurement error and on the alternative approaches available. Four speakers will review recent theoretical developments, and illustrate the concepts with real life examples.

## Programme

09.00 Registration (Whole Day)

09.30–12.00 Optional tutorial: *Covariate measurement error: types of covariate error, their effects, and correction methods* —led by Chris Frost and Bianca De Stavola, with practical work in Stata

12.00–13.00 Lunch and Registration (Afternoon only)

13.00–14.00 David Cox (Nuffield College, Oxford) *Concepts*

14.00–15.00 Laurence Freedman (Sheba Medical Center, Israel) *Statistical problems arising from dietary measurement error and their impact on nutritional epidemiology*

15.00–15.30 Tea

15.30–16.15 Ruth Keogh (MRC Centre for Nutritional Epidemiology in Cancer Prevention and Survival and MRC Biostatistics Unit, University of Cambridge) *Measurement error in nutritional epidemiology: correlated errors and an illustration in EPIC-Norfolk*

16.15–17.00 Jouni Kuha (London School of Economics and Political Sciences, London) *Sample group means in multilevel models*

17.00 Close

## Cost

*BIR Members*: whole day (including morning coffee and lunch): £24; lunch and afternoon sessions: £12; afternoon sessions only: free.

*Non-members*: whole day (including morning coffee and lunch): £124; lunch and afternoon sessions: £62; afternoon sessions only: £50.

*Student members*: whole day: (including morning coffee and lunch): £12; lunch and afternoon sessions: £8; afternoon sessions only: free.

Why not join the International Biometric Society for £40 (students: free) and take advantage of the members' rate? To join, go to <http://www.britishandirish.tibs.org/live/>

## Registration

Download the registration form (<http://www.britishandirish.tibs.org/live/>) and send, with cheque payable to "Biometric Society", to: Bianca De Stavola, Department Epidemiology and Population Health, LSHTM, Keppel Street, London, WC1E 7HT, UK.

## Directions

For instructions on getting to LSHTM see: <http://www.lshtm.ac.uk/location/>