

The Lancaster Lecture of the New South Wales Branch will be held on

Tuesday, 23 March 2010

6pm for refreshments & 6.30pm for talk

at

Conference Rooms 1 & 2, Darlington Centre, The University of Sydney, City Road, NSW 2006

John Geweke

Centre for the Study of Choice, University of Technology Sydney

STREAMLINING THE PRACTICE OF STATISTICS WITH PRIOR PREDICTIVE ANALYSIS

The talk will describe the simulation technique of prior predictive analysis. This procedure elicits the properties of alternative statistical model in terms that are readily understood both by the analyst and the client. It is useful at the stage of deciding which model(s) to use in the analysis of a particular data set or for addressing a particular decision problem. It can be especially effective in alerting the practising statistician to models that are ill-suited for the purposes at hand, thereby avoiding lines of investigation that would require substantial time but ultimately prove fruitless. The talk will illustrate the use of the technique using stock market index returns and several models of return volatility.

John Geweke is Distinguished Research Professor and Co-Director of the Centre for the Study of Choice at the University of Technology Sydney and Co-Editor of Journal of Econometrics. He has published well over 100 papers and books in applied and theoretical econometrics and statistics, many focussing on Bayesian statistics and econometrics and on time series analysis. John is an elected Fellow of the American Statistical Association and a past member of the U.S. National Academy of Sciences Committee on National Statistics. Prior to joining UTS he was Kenan Professor of Economics and Statistics at Duke University and McGregor Professor of Economics and Statistics at the University of Iowa.

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GETTING THERE

By Train from Redfern Station

Follow the direction on the map to Darlington Campus.

By Bus from Central Station (outside Mercure Hotel on George Street)

Take bus (422, 423, 426, 428) to Wentworth Building on City Road

By Car

Parking at Camperdown and Darlington Campuses: \$ 6 flat rate (from 3pm – 6am)

- underground parking at the New Law School Building is available (entrance on Barff Road)

Free 2-hour parking is available on Darlington Road.