

BOUND SHELF

THE AUSTRALIAN NATIONAL UNIVERSITY

**Centre for
Economic Policy Research**

ANNUAL REPORT

1989

CEPR
Australian National University
GPO Box 4
Canberra ACT 2601
Australia

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THE AUSTRALIAN NATIONAL UNIVERSITY

**Centre for
Economic Policy Research**

ANNUAL REPORT

1989

**Executive Director: Professor R.G. Gregory
Deputy Director: Dr B.J. Chapman
Conferences/Publications: Mrs C.E. Baird
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**AUSTRALIAN NATIONAL UNIVERSITY
RESEARCH SCHOOL OF SOCIAL SCIENCES
CENTRE FOR ECONOMIC POLICY RESEARCH
ANNUAL REPORT 1989**

Executive Director

R.G. Gregory, BCom(Melb),PhD(Lond),FASSA

Senior Research Fellow

B.J. Chapman, BEc(ANU),PhD(Yale) (to November)

Senior Lecturer on Temporary Transfer

J.J. Beggs,BEc(Qld),MA(Ec),PhD(Northwestern) (to end January)

C.G. Fane, BA(Oxon),PhD(Harvard) (from July)

Visiting Fellow

Dr Alice T. Day, The Urban Institute, Washington DC

Research Assistants

Catherine E. Baird, BScEcon(Wales)

Rohan Ekanayake, BSc, MPhil(Ag.Econ.)(Sri Lanka), MEc(UNE)

Tracy Tiong, BSc(ANU)

Secretarial Staff

Eileen. Berry

REPORT

Activities

The major issues of contemporary Australian economic policy, particularly in the areas of labour market reform and macroeconomics, have continued to be the focus of the Centre's activities.. These activities highlight the important links which the Centre has forged between government policy makers, private sector institutions and other universities, and the role which it plays in initiating and providing a forum for informed debate on economic policy.

The formulation of industry training policy, award restructuring and reform of the industrial relations system took their place on the policy agenda, while problems of fiscal policy, the balance of payments, the current account deficit and overseas trade were the principal focus of the macroeconomic debate. All these topics were addressed in the CEPR conference programme.

The Industry Training Conference, held in March, examined from both theoretical and empirical perspectives the options for industry training reform, the implications of industry training reforms for award restructuring, and the possible need for government intervention, against the background of the Department of Employment, Education and Training (DEET) policy paper *Industry Training in Australia: The Need for Change*. The Centre had provided input to that paper through the 1988 Industry Training Seminar, held in conjunction with DEET. The conference, which was opened by the Minister for Employment, Education and Training, the Honourable Mr John Dawkins, was attended by industry training analysts, industrial relations experts and labour economists from federal and State government, business, unions and universities. The conference was self-funded. Both this Conference and the earlier seminar were convened by Dr Bruce Chapman, and were a direct outcome of his consultancy with DEET during 1988 and the early part of 1989. Dr Chapman's initiatives have been integral to the continuing recognition of the Centre as a bridge between academic resources and the public arena.

Industrial relations reform was also the subject of the joint CEPR-Business Council of Australia Conference, *Employee Relations for a Competitive Australia*, held in December. The conference provided a critical examination of the first report of the Business Council's Industrial Relations Study Commission. The invited participants included senior

representatives of government, the private sector, unions, and academic industrial relations experts. Amongst the speakers were the Minister for Industrial Relations, the Honourable Mr Peter Morris, the President of the ACTU, Mr Simon Crean, the Executive Director of the Business Council of Australia, Mr Peter McLaughlin, the Director-General of TAFE, South Australia, Mr Peter Kirby, Professor Judy Sloan and Mr Mark Wooden, National Institute of Labour Studies, and Mr Braham Dabscheck, University of NSW. The conference was convened by Professor Bob Gregory and Mr Peter McLaughlin, and was funded by the Business Council of Australia.

With reform and deregulation of the labour market taking a prominent place on the policy agenda, the research of labour economists is crucial for the development of policy options. Professor Gregory and Dr Raja Junankar (Public Policy Programme), established the Australian Labour Market Research (ALMR) Programme with the objective of providing a national forum for labour economists, particularly young academics and post-graduate scholars, to discuss their work-in-progress. The first of an annual series of ALMR workshops was organised for September but was postponed to February 1990 due to the difficulties caused by the pilots' dispute.

The fourth CEPR macroeconomic modelling conference, held in June, addressed the problems of fiscal policy and the current account. Run jointly with the Treasury, and as an extension of the work undertaken by Dr Simes while on secondment to the Centre in 1988, simulations from the major Australian macroeconomic models were used to focus on the principal mechanisms by which reductions in government expenditure are transmitted to the current account. The conference involved the collaboration of Treasury (NIF88 model), the Australian Bureau of Statistics (AMPS model), County NatWest (County NatWest Model), the National Institute for Economic and Industry Research (IMPS model), the Institute of Applied Economic and Social Research, University of Melbourne, (ORANI model), the Reserve Bank of Australia (MSG2 model) and the Murphy model (Dr Chris Murphy, Statistics, Faculties). Adjunct Professor Adrian Pagan, University of Rochester, presented the summary session. The conference, which was self-funded, attracted seventy participants. The revised papers, together with the commentary of invited discussants, will be published in the CEPR Discussion Paper series early in 1990.

Monetary policy, the balance of payments, trade and investment policy were also the subject of The Fourth Senior Economist Residential Seminar held in October, organised jointly by the Centre and the Economic Society of Australia (Canberra Branch). Twenty five participants from government, business, and New Zealand Treasury officials, attended the seminar. Speakers included current and former staff and visitors to ANU Economics Departments: Professor John Pitchford (ANU), Professor Ian Harper (University of Melbourne), Dr Andrew Dilnot (Institute of Fiscal Studies, London), Dr David Gruen (Reserve Bank of Australia), Professor Jim Brander (University of British Columbia and ANU), Dr Paul Sheard (ANU), and Mr Ralph Lattimore (Bureau of Industry Economics).

Since its establishment almost a decade ago, the Centre has initiated a number of conferences designed to provide a periodic review of domestic economic policy responses to the rapidly changing international economy. The proceedings of those conferences, published either as books or as special issues of journals, have become standard references for students of economic policy. In June the revised papers of the Recent Australian Economic Growth Conference, held in honour of Professor Gruen on his retirement in 1986, were published by Macmillan under the auspices of the Committee for the Economic Development of Australia (CEDA) in the volume *Australian Economic Growth*. The book, edited by Dr Bruce Chapman, has already found a place on the reading lists of Economics Departments around the country.

The most recent in this important series of Conferences was held in December. The Australian Economic Policy conference, convened by Professor Gruen, was formulated along the lines of those reported in the internationally renowned Brookings Papers on Economic Activity. It was attended by fifty senior officials of government and business, including Dr Chris Higgins, Treasury Secretary, who gave the opening address, and Australian and overseas academic economists. The six commissioned papers addressed the key policy issues of structural adjustment and the environment; social security reform, unemployment, longer run macroeconomic policy, the relevance to Australia of reforms in Britain, and the responses of Australia and New Zealand to changes in the terms of trade and external debt accumulation. The papers and discussants comments are being prepared for publication. The conference was funded by a grant from the Research School of Social Sciences and through registration fees.

In contrast to the predominantly macroeconomic issues addressed in the conferences reported so far, the Workshop on Cost and Productivity Analysis, held in October, concentrated on recent developments in microeconomic theory and their application to the development of techniques for the measurement of productivity and efficiency and for cost function estimation. It provided a forum for discussion of current Australian and overseas research in these areas. Convened by Dr Peter Forsyth (Economics, The Faculties) the Workshop was organised in conjunction with, and funded by, the Bureau of Transport and Communications Economics. The Workshop drew on the expertise of Professor Knox Lovell (University of North Carolina, visiting University of Adelaide) and Professors Rolf Fare and Shawna Grosskopf (University of Southern Illinois, visiting ANU).

Staff

The departure of Dr John Beggs from the Centre in January to take up a private sector post represented a considerable loss to the University, and to academe, of an excellent researcher and teacher. Dr Beggs has rare skills as an econometrician, and his individual research output was impressive. The Centre was particularly fortunate to have both Drs Beggs and Chapman on its staff for over twelve months. As co-researchers their skills combined to produce a significant body of research covering a range of labour market policy issues, including the determinants of Australian strike activity, the foregone earnings from child-rearing, and the implications for labour turnover of public sector wages.

During the latter part of 1988 and early part of 1989, Dr Chapman held an almost full-time consultancy with DEET. Although this necessarily had an impact on his individual research output, he co-authored a number of papers, some as yet unpublished, for conferences both here and overseas.

In September Dr Chapman presented the invited paper "An Analysis of Australia's Consensual Incomes Policy: The Prices and Incomes Accord", co-authored with Professor Emeritus Fred Gruen, to an international conference on The Art of Full Employment, held at the University of Limburg, The Netherlands. The results contained in this important paper formed the background to the Chapman, Dowrick, Junankar paper on unemployment presented at the CEPR Australian Economic Policy Conference, reported on earlier.

In November he was appointed to a Senior Fellowship in the Department of Economics RSSS.

Professor Gregory has a continuing involvement in the national economic and social policy process. During the year Australian science and technology policy has also been a focus of his work. He is a member of an international group of experts, coordinated by Professor Richard Nelson, Columbia University, New York, which is producing a volume on science and technology policy in the OECD. Professor Gregory also provided the Australian chapter for a volume on industry policy to be published by Columbia University Press.

Adjustments of the Australian economy to exchange rate changes have been an important concern of government policy. A paper prepared with Dr Adrian Blundell-Wignall, OECD, was presented by Professor Gregory to the International Monetary Fund for their forthcoming volume on Australian Exchange Rate Management. Professor Gregory presented a paper on the overlap of industry policy and balance of payments policy to the 18th Pacific Trade and Development Conference, Kuala Lumpur, December 1989..

Dr George Fane joined the Centre in July as a Senior Lecturer on Transfer from the Department of Economics, Faculty of Economics and Commerce. His principal research interests are applied welfare economics and development economics. Dr Fane has recently been engaged in applied studies of several LDCs for the World Bank and is preparing some aspects of these studies for publication in academic journals.

Dr Chapman, Dr Fane and Professor Gregory are actively engaged as supervisors and advisors in the Economics Postgraduate Program. Professor Gregory, Dr Chapman and Dr Dowrick (Economics RSSS) taught the labour economics course, Faculty of Economics and Commerce.

Dr Alice Day, Senior Research Associate, the Urban Institute, Washington DC, spent six months in the Centre as a Visiting Fellow, funded by the Urban Institute as an off-site consultant. During her visit she prepared for publication the results of a longitudinal study of older American women and their social support. The study was funded by a grant from the US National Institute of the Ageing.

Discussion Papers

Twenty papers were published in the CEPR Discussion Paper series in 1989. The papers, which undergo an informal refereeing process before publication, were submitted by economists from both within and outside the University. Issues addressed by the papers included the current account and overseas debt; financing higher education; Australia's welfare state; prospects for domestic airline deregulation; funding research and development in Australia; the Australia-New Zealand free trade agreement; financial deregulation in Australia and New Zealand; the welfare implications of the duration of unemployment; government intervention in the provision of on-the-job training, and a review of Australian agricultural policy during the past five years.

PUBLICATIONS

Beggs, J.J.²

'Foreign currency hedging of Australian portfolios', *Sessional Paper*, Australian Institute of Actuaries Sessional Meetings, May. 37pp.

Beggs, J.J.² and Larum, J.¹

What Drives Australian Teenage Labour Force Participation?. In W. Dunsmuir, C.C. Heyde and I. McRae (eds), *Youth Employment and Unemployment..* Special issue of *Australian Journal of Statistics*, 31A, 125-142.

Beggs, J.J.² and McCallum, J.³

'More pieces of the wealth puzzle', *Australian Society*, July, 39-40.

Beggs, J.J.² and Prior, H.⁵

Influence of Family Background on the Educational and Labour Force Outcomes of Year 12 School Leavers. In W. Dunsmuir, C.C. Heyde and I. McRae (eds), *Youth Employment and Unemployment*. Special issue of *Australian Journal of Statistics*, 31A, 99-124.

Chapman, B.J.

Affirmative Action for Women: Economic Issues. In Keith Whitfield (ed), *Contemporary Issues in Labour Economics*, Harper and Row, Sydney. 181-190.

Chapman, B.J. (ed)

Australian Economic Growth. Macmillan, Sydney. xv + 271.

Chapman, B.J.

The Higher Education Contribution Scheme. In David R. Jones, V. Lynn Meek and John Anwyl (eds), *Alternative Funding Strategies for Australia's Universities and Colleges*, University of Melbourne. 33-44.

Chapman, B.J. and Alston, L.³

Arbitration and NSW Wage Structures in 1905 and 1981. In D. Pope and L. Alston (eds), *Australia's Greatest Asset*, The Federation Press, Sydney. 176-200.

Chapman, B.J. and Chia, T.T.⁵

Financing higher education: private rates of return and externalities in the context of the tertiary tax. Discussion Paper no. 213. Centre for Economic Policy Research, ANU. 32pp.

Chapman, B.J. and Hatton, T.J.³

Apprenticeship and Technical Training. In D. Pope and L. Alston (eds), *Australia's Greatest Asset*, The Federation Press, Sydney. 130-156.

Chapman, B.J. and C. Mulvey¹

Differences in Male and Female Wages. In Keith Whitfield (ed), *Contemporary Issues in Labour Economics*, Hareper and Row, Sydney. 142-152.

Chapman, B.J. and P.J. Stemp³

Government intervention in the provision of on-the-job training. Discussion Paper no. 210, Centre for Economic Policy Research, ANU. 31pp.

Fane, C.G.,

The global efficiency of radical tax reductions. In Keith Whitfield. (ed), *Issues in Labour Economics*, Harper and Row, Sydney. 297-308.

Gregory, R.G.

Centralisation and Earnings Change. In Keith Whitfield (ed), *Issues in Labour Economics*, Harper and Row, Sydney. 297-308.

Gregory, R.G., Anstie, R.², Daly, A., and Ho. V.²

Women's Pay in Australia, Great Britain and the United States: The Role of Laws, Regulations and Human Capital. In Robert T. Michael, Heidi I. Hartmann and Brigid O'Farrell (eds), *Pay Equity, Empirical Inquiries*. National Academy Press, Washington DC. 222-242.

Gregory, R.G. and Butlin, N.G.³ (eds)

Recovery from the Depression: Australia and the World Economy in the 1930s. Cambridge University Press, Cambridge, 1988. vii+378pp.

Gregory, R.G. and Duncan, R.C.¹

Equal Pay and Employment. In Keith Whitfield (ed), *Issues in Labour Economics*,
Harper and Row, Sydney. 153-162.

- Notes:
- 1 Not a member of this University
 - 2 Former member or former visitor to the Centre
 - 3 Member or visitor of another Department in this University
 - 4 Former member of this University
 - 5 Student in the department/group

SERVICE TO OUTSIDE ORGANISATIONS

Dr B.J. Chapman: Consultant, Department of Employment, Education and Training, including advice to the Minister on employment trends, industry training policy, and the Higher Education Contribution Scheme; member of the Office of Labour Market Adjustment Working Party; member of the Steering Committee on Monitoring the Effects of the Higher Education Contribution Scheme on higher education demand; inter-state public speaking on the Higher Education Contribution Scheme; Research Associate, National Institute of Labour Studies; liaison with the Women's Bureau on child-care policy issues; preparation of submission on industry training to the Employment and Skills Formation Council.

Dr C.G. Fane: Consultant to the World Bank, resulting in two reports, Report to the World Bank and Government of Trinidad and Tobago, "Trade Policies and Trade Reform in Trinidad and Tobago" (32 pages); and "The Manufacturing Sector of the Yemen Arab Republic: Effective Protection and Domestic Resource Costs". Final Report to the World Bank and UNDP. (170 pages).

Professor R.G. Gregory: Member, Board of the Reserve Bank of Australia, and Australian Science and Technology Council; part-time member, Board of Management of the Australian Institute of Family Studies; Research Associate, National Institute of Labour Studies; consultant to Commonwealth Rehabilitation Service; consultant, CSIRO proposal for the inter-agency techno-economic assessment project; member, Australian International Development Assistance Bureau (AIDAB) external review team of the National Centre for Development Studies, ANU.

JOINT PROJECTS

Dr B.J. Chapman:

Research on international comparisons of youth labour markets, with Hong Tan, RAND Corporation, USA, and Alison Booth, Brunel University, UK.

Research on immigrant qualifications in Australia for the Office of Multicultural Affairs, with Dr Robyn Iredale, Human Rights Commission, .

Professor R.G. Gregory

Research on declining industries, with Professor H. Patrick, Columbia University in the City of New York.

Research on national systems supporting technical advance in industry, with Professor R. Nelson, Columbia University in the City of New York.

Research on exchange rate policy in Australia and New Zealand, with Dr A. Blundell-Wignall, OECD, for the International Monetary Fund.

CONFERENCES / WORKSHOPS / SEMINARS

HELD IN 1989

Conference: *Industry Training*, 21-22 March
 Convenor: Dr Bruce Chapman, CEPR, ANU

Joint Conference, with Treasury
Fiscal Policy and the Current Account, 5-6 June
 Convenors: Professor R.G. Gregory, CEPR, ANU
 Dr Ric Simes, Treasury

Senior Economist Residential Seminar, with the Economic Society (Canberra Branch)
*Developments in Economic Analysis: Monetary Policy and the Balance of Payments,
 Trade and Investment Policy*, 12-15 October
 Convenors: Dr Francis Teal, Economics RSSS, ANU
 Dr Tony Lawson, Industries Assistance Commission
 (for the Economic Society)

Workshop, with Department of Economics, Faculty of Economics and Commerce, ANU
 and Bureau of Transport and Communications Economics
Cost and Productivity Analysis, 26-27 October
 Convenor: Dr Peter Forsyth, Department of Economics, Faculty of Economics and
 Commerce, ANU

Conference: *Australian Economic Policy*, 27-28 November
 Convenor: Professor F.H. Gruen, Economics RSSS.

Joint Conference, with the Business Council of Australia
Employee Relations for a Competitive Australia, 4-5 December
 Convenors: Professor R.G. Gregory, CEPR, ANU
 Mr Peter McLaughlin, Business Council of Australia

(See pages 15-20 for programme outlines)

Conferences / Seminars / Workshops

FORTHCOMING 1990

Workshop: *Australian Labour Market Research*, 8-9 February
Convenors: Professor R.G. Gregory, CEPR, ANU
Dr P.N. Junankar, Public Policy Programme, ANU

Conference: *Savings, Policy and Growth*, 12-13 July
Convenor: Dr Peter J. Stemp, Economics RSSS, ANU

Workshop, with Department of Employment Education and Training
Youth Employment, Training and Award Restructuring, June (dates to be announced)
Convenor: Dr Bruce Chapman, Economics, RSSS, ANU

Conference: with Department of Economics, Faculty of Economics and Commerce, ANU,
and Centre for Research on Federal Financial Relations, ANU, *Microeconomic Reform in
Australia*, September (date to be announced)
Convenor: Dr Peter Forsyth, Department of Economics, Faculty of Economics and
Commerce, ANU

Joint Conference, with Resource Assessment Commission (RAC)
The Economics of Environmental Protection, October (date to be announced)
Convenors: Dr Clive Hamilton, RAC
Professor John Piggott, CEPR and University of NSW

Joint Conference, with Department of Employment, Education and Training
The Australian Longitudinal Survey: Social and Economic Policy Research
November (date to be announced)
Convenor: Dr S. Dowrick, Economics RSSS, ANU

**CENTRE FOR ECONOMIC POLICY RESEARCH
CONFERENCE ON INDUSTRY TRAINING**

Tuesday, Wednesday, 21 and 22 March 1989

PROGRAMME OUTLINE

Opening Address - The Hon. J.S. Dawkins,
Minister for Employment, Education and Training

Session 1:

Paper I: *The DEET Training Paper in Context*
Industry Training in Australia - The Need for Change
Author: Peter Kirby, Director-General TAFE, SA

Paper II: *The Institutional Context of Industry Training:*
Some Lessons From the French Experience
Author: Richard Sweet, Dusseldorp Skills Forum

General Discussion

Chair: Charles Halton, Employment & Skills Formation Council

Session 2:

Paper I: *Award Restructuring and Training*
Industrial Training in Australia - An Industrial Relations
Perspective
Author: David Plowman, University of NSW

Paper II: *Award Restructuring - Some Issues for Management*
Author: Rex Whiffen, Australian Mines & Metals Assocn.

Paper III: *Establishing a Data Base in the Context of Award Restructuring*
Author: Paul Langley, La Trobe University

Session 3:

Paper I: *Economic Foundations of Industry Training Reform*
The Theoretical Rationale for Training Policy
Authors: Paul Moy, Confederation of WA Industry
Thorsten Stromback, Curtin University of Technology

Paper II: *Reconsidering the Case for Government Intervention*
Author: Glenn Withers, La Trobe University

Discussant: Bruce Chapman, ANU

Session 4:

Paper I: *Business and Union Perspectives*
Max Ogden, AMWU

Paper II: Peter McLaughlin, Business Council of Australia

Session 5:

Open Forum
First Speaker: Alan Stretton, DEET

**CENTRE FOR ECONOMIC POLICY RESEARCH
AND
COMMONWEALTH TREASURY**

**CONFERENCE:
FISCAL POLICY AND THE CURRENT ACCOUNT**

5-6 June 1989

Venue: Country Comfort Motor Inn, Northbourne Avenue, Canberra

PROGRAMME OUTLINE

Monday 5 June

Session I

Background: Historical, Theoretical and Policy Perspective
Speaker: Tom Nguyen, Griffith University

Session II

NIF88, AMPS and County NatWest Models
Speaker: Russel Cooper, Macquarie University

Session II

ORANI Model
Speaker: John Freebairn, Monash University

Tuesday 6 June

Session III

IMP Model
Speaker: Barry Hughes, Newcastle University

Session IV

MSG and Murphy Models
Speaker: Alan Powell, University of Melbourne

Summary Session

Opening Discussant - Adrian Pagan, Rochester University

CENTRE FOR ECONOMIC POLICY RESEARCH
 Australian National University
 AND
 ECONOMIC SOCIETY OF AUSTRALIA
 (Canberra Branch)

FOURTH SENIOR ECONOMIST RESIDENTIAL SEMINAR

*DEVELOPMENTS IN ECONOMIC ANALYSIS:
 MONETARY POLICY AND THE BALANCE OF PAYMENTS,
 TRADE AND INVESTMENT POLICY*

12-15 October 1989

PROGRAMME

- Friday 13 October** **Monetary Policy and the Balance of Payments**
- Session 1:** *Recent developments in the theory and behaviour of exchange rates*
 Speaker: David Gruen, Reserve Bank of Australia
- Session 2** *The balance of payments: theory and policy*
 Speaker: John Pitchford, ANU
- Session 3:** *What has monetary policy been doing and what should it have been doing?*
 Speaker: Ian Harper, University of Melbourne
- Session 4:** *Savings, taxation and superannuation*
 Speaker: Andrew Dilnot, University of Melbourne and Institute of Fiscal Studies, London
- Saturday 14 October** **Trade and Industrial Policy**
- Session 1:** *Recent developments in industrial organisation theory and their policy implications*
 Speaker: Paul Sheard, ANU
- Session 2:** *International trade and investment policy: Is there a case for active policy?*
 Speaker: Jim Brander, University of British Columbia and ANU
- Session 3:** *Industrial policy and competitiveness: Australian manufacturing industry in the 1980s*
 Speaker: Ralph Lattimore, Bureau of Industry Economics
- Sunday 15 October** **Trade and International Investment**
- Session 1:** *Australia's trade and investment with South East Asia*
 Speaker: Peter Warr, ANU
- Session 2:** *FORUM: What does the new trade and industry theory imply for policy?*
 Opening discussant: Jim Brander

CENTRE FOR ECONOMIC POLICY RESEARCH
DEPARTMENT OF ECONOMICS, FACULTIES, ANU
And
BUREAU OF TRANSPORT AND COMMUNICATIONS ECONOMICS

Joint Workshop On

COST AND PRODUCTIVITY ANALYSIS

26-27 October 1989

PROGRAMME OUTLINE

- Session 1:** *Recent Developments in Frontier Methods of Efficiency and Productivity Analysis*
Knox Lovell, University of North Carolina,
Visiting University of Adelaide
- Session 2:** *Productivity Developments in Swedish Hospitals: A Malmquist Output Index Approach*
Rolf Fare, University of Southern Illinois, Visiting ANU
- Session 3:** *Nurse Productivity and Wages*
Shawna Grosskopf, University of Southern Illinois, Visiting ANU
- Session 4:** *Stratified Models of Educational Production Using DEA*
Lisa Wood, University of Adelaide
- Session 5:** *Indirect Productivity Measurement*
Knox Lovell
- Session 6:** *Railway Productivity*
Don Brunker, Bureau of Transport and Communications Economics
- Session 7:** *Studies of Productivity Growth and Technical Inefficiency in Australian Manufacturing*
Ralph Lattimore and Chris Harris, Bureau of Industry Economics
- Session 8:** *In Pursuit of Identifying Technical Efficiency and X-Efficiency*
K. Kalirajan and T.V. Varagunasingh, ANU
- Session 9:** *Productivity Measurement and Cost Functions for International Airlines*
Don Brunker, BTCE, Christopher Findlay, University of Adelaide
and Peter Forsyth, ANU
- Session 10:** *Discussion of shorter papers on recent work and reports of work in progress*
- Session 11:** *Workshop Overview*
Knox Lovell, Shawna Grosskopf, Rolf Fare

**CENTRE FOR ECONOMIC POLICY RESEARCH
AUSTRALIAN ECONOMIC POLICY CONFERENCE**

Monday and Tuesday, 27-28 November 1989

PROGRAMME OUTLINE

MONDAY 27 NOVEMBER

Opening Address: Dr Chris Higgins, Secretary to the Treasury

SESSION 1

Structural adjustment and environmental constraints

Authors: Gary Banks, David Pearce, David Vincent
Centre for International Economics

Discussants: Ross Gittins, Sydney Morning Herald
Fred Gruen, ANU

SESSION 2

Policy perspectives on Australian unemployment

Authors: Bruce Chapman, Steve Dowrick, Raja Junankar, ANU

Discussants: Bill Mitchell, Flinders University
Vince FitzGerald, The Allen Consulting Group

SESSION 3

Macro economic policy in Australia: A longer run perspective

Authors: Warwick McKibbin, Brookings Institution
Steven Morling, Reserve Bank

Discussants: Ross Milbourne, University of NSW
Ed Shann, Access Economics

TUESDAY 28 NOVEMBER

SESSION 4

Assessing social security developments and reform proposals

Authors: Peter Saunders and Peter Whiteford
University of NSW

Discussants: Sue Richardson, University of Adelaide
Cliff Walsh, ANU

SESSION 5

Lessons for Australia from the Thatcher experiment

Author: John Kay, Centre for Business Strategy,
London Business School

Discussants: Fred Gruen, ANU
Ken Clements, University of Western Australia

SESSION 6

Australian and New Zealand responses to terms of trade deterioration and external debt accumulation

Authors: Ted Sieper, ANU

Discussants: Graeme Wells, Victoria University, Wellington, and ANU
Jeff Carmichael, Bond University
John Kay, Centre for Business Strategy

**BUSINESS COUNCIL OF AUSTRALIA
AND
CENTRE FOR ECONOMIC POLICY RESEARCH
Australian National University**

**JOINT CONFERENCE:
EMPLOYEE RELATIONS FOR A COMPETITIVE AUSTRALIA**

**Monday and Tuesday, 4-5 December 1989
Australian National University**

PROGRAMME OUTLINE

Monday 4 December

SESSION 1 *Enterprises and Employee Relations*
Speaker: Fred Hilmer, University of NSW
Chair: Bob Gregory, ANU

Address by The Hon Peter Morris
Minister for Industrial Relations

SESSION 2 *Bargaining Units, Awards and Reform*
Speaker: Peter McLaughlin, Business Council of Australia
Chair: Joe Isaac, University of Melbourne

Tuesday 5 December

SESSION 3 *Employee and Industrial Relations in Australian Companies
A Survey of Management*
Speakers: Judith Sloan and Mark Wooden
National Institute of Labour Studies

Enterprise and Industry wards
Speaker: Malcolm Rimmer, Monash University
Chair: David Plowman, University of NSW

SESSION 4 *An Employer View*
Speaker: Ian Spicer, Confederation of Australian Industry
Chair: John Niland, University of New South Wales

An Academic View
Speaker: Braham Dabscheck, University of NSW
Chair: John Niland, University of New South Wales

SESSION 5 *An ACTU View*
Speaker: Simon Crean, ACTU
Chair: Don Rawson, ANU

SESSION 6 *Summary Session / Open Forum*
Introductory Speaker: Keith Norris, Murdoch University
Chair: Don Rawson, ANU

CENTRE FOR ECONOMIC POLICY RESEARCH

DISCUSSION PAPERS 1988-March 1990

CEPR Discussion Papers are available free of charge from The Publications Officer, Centre for Economic Policy Research, Australian National University, PO Box 4, Canberra ACT 2600, Australia. Tel: (06) 2492247; Fax: (06) 2571893. A list of earlier papers is available upon request. Papers denoted * are out of print.

1988

- * 185 Stemp, Peter J., Tax Concessions for Occupational Superannuation: Implications for Aggregate Saving. Now published in **Economic Papers**, 7(2), June 1988.
- 186 Chapman, Bruce J., Some Observations on Wage-Setting Practices in the Australian Labour Market System. Now published in **Australian Journal of Management**, December 1988.
- 187 Micklewright, J., Choice at Sixteen
- * 188 Dowrick, S., Labour Supply Trends and Prospects for Australian Unemployment in the Medium Term
- 189 Brennan, G., The Structure of Tertiary Education Fees
- 190 Beggs, John J. and Bruce J. Chapman, The Foregone Earnings From Child-Rearing in Australia (Study Commissioned by the Australian Institute of Family Studies). Summary published in **Family Matters**, August 1988.
- 191 Anstie, R., S. Dowrick, R.G. Gregory and J. Pincus, Government Spending on Work-Related Child Care: Some Economic Issues (Study Commissioned by the Commonwealth Department of Community Services and Health)
- 192 Stemp, Peter J., Optimal Weights in a Check-List of Monetary Indicators. Revised version forthcoming in **The Economic Record**.
- 193 Kneisner, Thomas J., Marjorie B. McElroy, Steven P. Wilcox, Family Structure, Race, and the Hazards of Young Women in Poverty, or Getting into Poverty Without a Husband and Getting Out, With or Without. Portions of this paper, entitled "Getting into Poverty Without a Husband and Getting Out, With or Without", are also published in **American Economic Review**, May 1988.
- * 194 Corden, W.M., Australian Macroeconomic Policy Experience. (Invited Paper, Australian Economics Congress, Canberra, August 1988). Published in **The Economic Record**, 65 (189), June 1989.
- 195 Apps, P.F., Family Policy and Tax-Transfer Options.
- 196 Chapman, Bruce J., An Economic Analysis of the Higher Education Contribution Scheme of the Wran Report Now published in **Economic Analysis and Policy**, 18(2), 171-188.
- 197 Phillips, R.W., The Pass Through of Exchange Rate Changes to Prices of Imported Manufactures

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