

# International Workshop

*Evolutionary Macroeconomics: Building Micro and Meso Foundations from Studies of Systems of Innovation, Self-Organization, Competitive Processes, Knowledge Networks and Complex Adaptive Economic Systems*

14<sup>th</sup>-17<sup>th</sup> July 2005

Sponsors: the ARC Centre for Complex Systems, the Commonwealth Department of Communications, Information Technology and the Arts, the UQ Deputy Vice Chancellor (Research) and the UQ School of Economics.

## Final Programme

### 14<sup>th</sup> July

1.30 – 2.00 pm

*Welcome and Introduction*

John Foster

2.00 – 3.15 pm

*Session 1: Chairperson - Stan Metcalfe*

Horst Hanush and Andreas Pyka

A Roadmap for Neo-Schumpeterian Economics

3.15 – 3.45 pm

Afternoon Tea

3.45 – 5.00 pm

*Session 2: Chairperson - Ken Carlaw*

Jan Fagerberg

The competitiveness of nations

6.00 – 8.00 pm

*Reception*

**15<sup>th</sup> July**

9.00 – 10.15 am

*Session 3: Chairperson – Harvey Andersson*

Cristiano Antonelli

Technological knowledge as an essential facility

10.15 – 10.45 am

Morning Coffee

10.45 – 12.00 pm

*Session 4: Chairperson - Kevin Bryant*

Ken Carlaw (Co-author: Richard Lipsey)

An Evolutionary Approach to Macroeconomic Growth Modelling

12.00 – 1.00 pm

Lunch

1.00 – 2.15 pm

*Session 5: Chairperson – Bart Verspagen*

Paul Omerod

On system-wide failures in complex, evolving systems

2.15 - 3.30 pm

*Session 6: Chairperson - Bryan Morgan*

Paolo Ramazzotti

Knowledge and macro-coordination

3.30 – 4.00 pm

Afternoon Tea

4.00 – 5.30 pm

*Session 7: Open Discussion*

Kurt Dopfer and Jason Potts

The scientific structure of evolutionary macroeconomics

Evening Free

## 16<sup>th</sup> July

9.00 – 10.15 am

*Session 8: Chairperson - Uwe Cantner*

Paolo Saviotti and Andreas Pyka

Micro and macro dynamics: industry life cycles, inter-sector co-ordination, co-evolution and aggregate growth

10.15 – 10.45 am

Morning Coffee

10.45 – 12.00 pm

*Session 9: Chairperson - Jan Fagerberg*

Bart Verspagen

Towards a framework for evolutionary macroeconomic scenario analysis

12.00 – 1.00 pm

Lunch

1.00 – 2.15 pm

*Session 10: Chairperson – Andreas Pyka*

Giovanni Dosi

The evolutionary micro-foundations of macroeconomic dynamics

2.15 - 3.30 pm

*Session 11: Chairperson - Kurt Dopfer*

Robert Delorme

Notes on effective complexity: A post-Simonian model of very ill-structured problem situations

3.30 – 4.00 pm

Afternoon Tea

4.00 – 5.15 pm

*Session 12: Chairperson - Jason Potts*

Phil Mirowski

Markets come to bits: evolution, computation and markomata in economic science

6.30 for 7.00pm

*Workshop Dinner: Women's College*

**17<sup>th</sup> July**

9.00 – 10.15 am

*Session 13: Chairperson - John Foster*

Bridget Roswell

Macro uncertainty and monetary policy

10.15 – 10.45 am

Morning Coffee

10.45 – 12.00 pm

*Session 14: Chairperson - Paolo Saviotti*

Uwe Cantner (Co-author: Jens J. Kruger)

Micro-heterogeneity and aggregate productivity development in the German manufacturing sector - results from a decomposition exercise.

12.00 – 12.30 pm

*What have we learned?*

Stan Metcalfe

12.30 pm

Workshop ends

12.30 – 1.30 pm

Lunch

**Note:**

*Time allocations*

Presenters:

40 minutes

Chairpersons:

5 minute (strict maximum) comment

Open Discussion:

30 minutes