

## COURSE PROGRAM

# Performance Analysis: Theory and Practice

20-22 July, 2016

CENTRE FOR EFFICIENCY AND PRODUCTIVITY ANALYSIS

SCHOOL OF ECONOMICS, THE UNIVERSITY OF QUEENSLAND

### DAY 1: WEDNESDAY 20 JULY, 2016

Time	Topic	Location
9:00am - 9:30am	<i>Registration - Refreshments served on arrival</i>	TBC
9:30am - 11:00am	<b>Lecture 1: Introduction to Theory of Production and Productivity Indexes via Data Envelopment Analysis (DEA)</b>	TBC
11:00am - 11:30am	<i>Morning Tea - TBC</i>	
11:30am - 1:00pm	<b>Computer Tutorial</b>	TBC
1:00pm - 2:30pm	<i>Lunch Break</i>	
2:30pm - 4:00pm	<b>Lecture 2: Introduction to Stochastic Frontier Analysis (SFA)</b>	TBC
4:00pm - 4:15pm	<i>Afternoon Tea -TBC</i>	
4:15pm - 5:45pm	<b>Computer Tutorial</b>	TBC
6:15pm	<i>Welcome Reception (optional) (Location- TBC)</i>	

### DAY 2: THURSDAY 21 JULY, 2016

Time	Topic	Location
9:30 am - 11:00am	<b>Lecture 1: Primal and Dual Characterizations: Main results and relationships to Efficiency Analysis</b>	TBC
11:00am - 11:30am	<i>Morning Tea - TBC</i>	
11:30am - 1:00pm	<b>Lecture 2: Dual Characterizations: Main results and relationship to efficiency analysis</b>	TBC
1:00pm - 2:30pm	<i>Lunch Break</i>	
2:30pm - 4:00pm	<b>Lecture 3: DEA and FDH:Static and dynamic cases</b>	TBC
4:00pm - 4:15pm	<i>Afternoon Tea - TBC</i>	
4:15pm - 5:45pm	<b>Computer Tutorial (using Matlab)</b>	

### DAY 3: FRIDAY 22 JULY, 2016

Time	Topic	Location
9:30 am - 11:00am	<b>Lecture 1: Measurement of Scale: Theory and practice</b>	TBC
11:00am - 11:30am	<i>Morning Tea - TBC</i>	
11:30am - 1:00pm	<b>Lecture 2: : Aggregation in efficiency and productivity analysis</b>	TBC
1:00pm - 2:30pm	<i>Lunch Break</i>	
2:30pm - 4:00pm	<b>Lecture 3: Selected topics: Slack-based measures, Network DEA, alpha-frontiers</b>	TBC
4:00pm - 4:15pm	<i>Afternoon Tea - TBC</i>	
4:15pm - 5:45pm	<b>Computer Tutorial (using Matlab)</b>	TBC
6:15pm	<i>Farewell Reception (optional) (Location- TBC)</i>	