

## **MPhil Advanced Micro**

### **Topics- Ian Crawford**

- Consumer Theory - Duality and Welfare
- Revealed Preference - the nonparametric approach to consumer theory
- Choice under Uncertainty
- Production – the nonparametric approach to production

### **Topics- Ines Moreno de Barreda**

- Correlated Equilibrium, Bayes Correlated Equilibrium and Information Design
- Bayesian Mechanism Design with Transferrable Utilities
- Dominant Strategy Mechanism Design with Transferrable Utilities
- Mechanism Design with Non-Transferrable Utilities

### **Topics- Meg Meyer**

- 1) Hidden action (moral hazard)
  - a) Explicit incentive contracts
  - b) Multi-task models of incentives
  - c) Dynamic incentives – relational contracts, career concerns, ratchet effect
- 2) Communication with self-interested experts: verifiable disclosure and cheap talk
- 3) Delegation of decision-making

### **Topics– Paul Klemperer**

- 1) “Optimal auctions”
- 2) Introduction to multi-object auctions

### **Topics- Alex Teytelboym**

- 1) Social choice
- 2) Axiomatic bargaining
- 3) Cooperative game theory
- 4) Introduction to two-sided matching
- 5) Object assignment
- 6) Matching with contracts