# Microeconomic Theory and Applications Research Group

The research interests of the group cover a wide range of theoretical and applied topics that include game theory, economic policy making, political economy and development economics.

Members publish their research in top rated journals and present their work in seminars and in conferences in universities worldwide. The group organises several widely attended internal meetings, workshops and conferences. Members of the group have held several research grants from funding bodies including ESRC, World Bank and British Academy.

## Group members

**Dr Facundo Albornoz-Crespo (/staff/profiles/business/albornoz-crespo-facundo.aspx)**

- Dr. Albornoz-Crespo works in three different fields with a common interest in development economics. His work, in various papers on political economy, emphasizes how the international community affects the different dimensions of the institutional functioning of domestic economies (democracy level, corruption, conflict).

  As a trade economist, Dr. Albornoz-Crespo's work also contributes to the understanding of firm dynamics in international markets by studying the effects of learning, experience and the interplay between importing and exporting. His work on education studies the effect of public policy in environments where education outcomes result from the interaction of multiple agents (students, parents, teachers, headmasters and policy makers) in which behavioural responses of these actors are fundamental to evaluate the impact of policy changes.

  In the recent years, Dr. Albornoz-Crespo has studied how government information transparency depends on market distortions.

**Dr Siddhartha Bandyopadhyay (/staff/profiles/business/bandyopadhyay-siddhartha.aspx)**

- Dr. Bandyopadhyay is an applied economic theorist working on various topics in political economy and public policy. His current research focuses on political coalitions and theoretical and empirical work on the economics of crime.

**Professor Jayasri Dutta (/staff/profiles/business/dutta-jayasri.aspx)**

- Professor Dutta began as a theoretical econometrician. She then moved on to Development Economics, Economics of Fiscal policies, Monetary Economics, Distribution of Income and Wealth, Political Economy, and Economic History.

  Her work involves developing theoretical models and then "taking them to data" to test the predictions.

**Dr Colin Rowat (/staff/profiles/business/rowat-colin.aspx)**

- Dr. Rowat has worked on weak property rights in two different environments. Initially, he analysed non-linear strategies in differential games, and continued to address the consequences of intertemporal transfer technologies in dynamic commons games.

  More recently, he has sought to endogenise the structure of property rights, working with pillage games, a class of cooperative games. In addition to this work, Rowat is applying techniques from mechanised reasoning to problems in auction theory and practice.



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