



Centre for Energy and Environmental Markets

Invited Speakers



Dr Regina Betz

Senior Lecturer in the School of Economics and research co-ordinator for the Centre for Energy and Environmental Markets, UNSW

Regina Betz is teaching environmental economics at the School of Economics at the UNSW. She studied economics in Germany and the U.K. and obtained her PhD through research analysing the impact of different designs of carbon trading systems on transaction costs. From 1997-2004 she has been a Senior Research Fellow in the Department of Environmental Technology and Environmental Economics at the Fraunhofer (FhG) Institute of Systems and Innovation Research in Karlsruhe, Germany. Her work focuses on climate change policies and their associated instruments, such as Joint Implementation, the Clean Development Mechanism and particularly emissions trading. Her publications largely relate to the design and implementation of these instruments. From 1998 -2004 she has been a consultant to the German Federal Ministry of Environmental with respect to the Kyoto Mechanisms and Emissions trading (e.g. National Allocation Plan), and has been closely involved with European Union and United Nations negotiations on climate change (UNFCCC).



Professor Peter Cramton

Economics Department University of Maryland College Park MD

Peter Cramton is Professor of Economics at the University of Maryland. Over the last 23 years, he has conducted research on auction theory and practice. This research appears in the leading economics journals (see www.cramton.umd.edu). The main focus is the design of auctions for many related items. Applications include spectrum auctions, electricity auctions, and treasury auctions. He has been the recipient of four National Science Foundation grants on the study of multi-unit auctions. On the practical side, he is Chairman of Market Design Inc. (MDI), an economics consultancy that offers services in the design of auction markets. He has played a lead role in the design and implementation of electricity auctions in France and Belgium, gas auctions in Germany, and the world's first greenhouse gas auction in the UK. He has advised numerous governments on market design and has advised dozens of bidders on bidding strategy in high-stake auctions. He has advised the US, the UK, and Canada on the design of spectrum auctions. Since 1997, he has advised ISO New England on electricity market design and was a lead designer of New England's forward capacity auction. He designed both the firm energy market and the forward energy market for Colombia. He received his B.S. in Engineering from Cornell University and his Ph.D. in Business from Stanford University.



Professor Charles Holt

A. Willis Robertson Professor of Political Economy, University of Virginia, Charlottesville

Charles Holt has been actively involved (with Jacob Goeree and other collaborators) in the design of auctions for the new Regional Greenhouse Gas Initiative (RGGI) and for the upcoming FCC 700 MHz auction. He currently holds positions as an A. Willis Robertson Professor of Political Economy, University of Virginia, Charlottesville, VA

1996-; Honorary Professor, University of Amsterdam, 2003-; Director, Thomas Jefferson Center for Political Economy, 2001- present. He began working on models of auctions and the procurement process, and in the process, became interested in laboratory experiments. Anomalies in the

data from these experiments led me to reject a number of theoretical refinements proposed by theorists and to develop and refine theories of behavior with elements of bounded rationality. This work on “stochastic game theory” (with coauthors Jacob Goeree and Tom Palfrey) consists of a set of related models of learning, introspection, and equilibrium. Applications include papers on rent seeking, auctions, bargaining, public goods, signaling, and various coordination games. To date, he has written and edited several books and over a hundred articles on topics in experimental economics and related theory (see <http://www.people.virginia.edu/~cah2k> for details).



Professor Frank Muller

Adjunct Professor, Institute for Environmental Studies, UNSW

Frank Muller is a Professorial Visiting Fellow at UNSW's Institute of Environmental Studies. He lectures, writes and advises governments and business on climate change and sustainable development policy.

Frank has a 32 year career in environmental, energy and land use policy in Australia and the United States in government, universities, private consulting and the community sector. Frank previously headed greenhouse policy in the NSW Government and through the 1990s worked at several Washington, DC think tanks, advising the United Nations, the Clinton Administration, US State Governments and several developing countries. Frank holds a Master in Public Administration from Harvard University and is a graduate of the Australian Institute of Company Directors.



Professor Joachim Schleich

Economist at the Fraunhofer ISI – Energy Policy and Energy Systems

Joachim Schleich holds economics degrees from the University of Mannheim, the University of Florida, and a PhD in Agricultural and Applied Economics from Virginia Tech University. In 1998 he joined the Department of Energy Policy and Energy Systems at the Fraunhofer Institute for Systems and Innovation Research in Karlsruhe, Germany. His current work as a senior researcher focuses on national and international energy and climate policy, in particular on the EU Emissions Trading Scheme. Since 2004 he is also an adjunct Professor at Virginia Tech University. In 2006 he was appointed Professeur Invité, Université de Strasbourg Louis Pasteur, Faculté des Sciences, Economiques et de Gestion. He is a member of the editorial board of the journal "Energy Efficiency". His research interests include the design of environmental policy instruments (in particular, the CO₂-emissions trading system in the European Union), innovation and the diffusion of environmentally friendly technologies, and the political economy of environmental and trade policies.



Dr Stefan Seifert

Post-doc at the graduate school Information Management and Market Engineering at the Universität Karlsruhe.

Stefan Seifert studied Economics and Business Engineering at the University of Karlsruhe and the University of Oregon, Eugene. He graduated in 1998 and founded Takon GmbH, a strategic management consultancy. He has been consulting with international companies and governments on license auctions, procurement auctions, incentive systems, business development, and emissions trading. Among his clients are companies in the telecommunications, automotive, chemical, and energy sector.

In 2005 he received his Ph.D. and accepted a full time position as a post-doc at the graduate school Information Management and Market Engineering. Recently, he has been offered a chair at the University of Karlsruhe where he will head a research group on industrial organization and telecommunications.

Stefan is particularly interested in auction theory and analyzes auctions both theoretically and empirically. He has worked on European telecommunications license auctions as well as business-to-business procurement auctions that allow for the negotiation of multiple price or quality attributes by means of multi-dimensional bids. In his dissertation Stefan has investigated the posted price option (“Buy It Now”, “Buy Price”), a feature that is used for example on eBay or Yahoo as a supplement to standard auctions.