

January 2021

**AEA Continuing Education: Industrial Organization
Steven Berry & Philip Haile**

Differentiated Products Demand and Supply. We will discuss common modeling approaches, estimation, alternative data types, instruments, and applications to merger analysis, the value of new goods, and school competition.

Auctions. We will discuss theory-based approaches to estimation of auction models, partially identified models, and applications to auctions of timber, oil, and short-term liquidity.

Static Models of Market Structure. We will discuss models of entry, competition and product variety together with associated estimation techniques including simulated market equilibrium and inequality constraints that lead to bounded parameter estimates.

Dynamic Models of Market Structure. We will discuss both single-firm and oligopoly models of market structure over time. Associated estimation approaches include full computational methods, conditional choice probability and new methods that incorporate persistent heterogeneity. Applications include antitrust, media markets and environmental policy.