

**SOE 6: Young Scientist Award for Socio- and Econophysics (YSA) - Award Ceremony**

Time: Monday 16:00–17:45

Location: H36

**Invited Talk**

SOE 6.1 Mon 16:00 H36

**Degustibus est disputandum - The Emerging Science of Preference Formation** — •ERNST FEHR — University of Zurich, Department of Economics

In modern economics individuals' preferences are taken as given. They are the unmoved movers of action. Preferences are, however, formed by social, economic and biological forces. This lecture will document recent insights into preference formation and how this helps explain hitherto unexplained (or insufficiently explained), yet important, phenomena such as the impact of poverty on time and risk preferences which may contribute to behaviors that reinforce poverty, the role of culture and social norms in health-related behaviors, the psychological sources of war and conflicts, or the impact of nuclear catastrophes on risk taking and time discounting.

**Presentation of the YSA to the awardee****Prize Talk**

SOE 6.2 Mon 17:00 H36

**Community Structure in Social and Financial Networks** —

•MASON PORTER — University of Oxford, UK

Networks consist of entities (represented by nodes) connected to each other via ties (represented by edges). To gain insights into networks, it is often useful to coarse-grain them to explore mesoscale structures. The best-studied type of mesoscale network structure is a "community", which consists of a dense set of nodes that is (hopefully) connected sparsely to other dense sets of nodes. In this talk, I'll discuss a couple of methods for detecting communities in networks — one based on maximizing a quality function called "modularity" and another based on local perspective — and I'll discuss applications to social and financial networks. I'll also provide some cautionary notes about studying community structure in networks and briefly discuss some other mesoscale structures (e.g. core-periphery structure) and why they are important for social and financial applications.

**After the YSA award session, there will be an informal get-together with beer + pretzels, combined with the poster session**