

**Department of Economics**  
**2024-2025**  
**Seminar Series**



Monday, September 16, 2024  
12:30 PM-1:50 PM  
SBS, Room N603

**Eilon Solan**

Nathan and Lily Silver Chair  
in Stochastic Models,  
School of Mathematical Sciences,  
Tel-Aviv University

***Auctions: from Theory to Practice and Back***

I will describe multi-item auctions in general, the motivation to hold them and the challenges they present. I will then discuss the 2020 Israeli 5G auction, how the Israeli Ministry of Communication devised the auction, and the strategic effects of the designers' choices. I will finally discuss one theoretical issue that was motivated by this auction, namely, spiteful bidding.

The talk is based on two projects, one with Liad Blumrosen (Telecommunication Policy, 2023), and one with Aditya Arahdye and David Lagziel (ongoing).

All in-person seminars will be held in the Social and Behavioral Sciences Building, Room N603. For additional information, contact the seminar organizers: Profs. Chang Liu & Eva Carceles-Poveda. Visit our webpage for additional information: [stonybrook.edu/economics](http://stonybrook.edu/economics).

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