

## Logic Seminar

### *Indestructible guessing models*

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**Abstract:** By results of Viale-Weiss, stationarity of the class of "guessing models" is responsible for many of the consequences of the Proper Forcing Axiom (PFA), including the Tree Property at  $\omega_2$  and failure of square. I will discuss joint work with Krueger about the stronger notion of "indestructible guessing models". Stationarity of such models captures even more consequences of PFA (e.g. Suslin's Hypothesis, SCH, and a theorem of Todorcevic), but on the other hand doesn't decide the value of the continuum.

Tuesday, February 9 at 4:00 PM in SEO 427