

Department of Mathematics, BGU

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# Logic, Set Theory and Topology

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*On Tuesday, November ,15 2016*

*At 12:30 – 13:45*

*In Math 101-*

Bill Chen (BGU)

will talk about

## **Tight stationarity and pcf theory - part two**

Abstract: I will introduce the definitions of mutual and tight stationarity due to Foreman and Magidor. These notions generalize the property of stationarity from subsets of a regular cardinal to sequences of subsets of different regular cardinals (or, by some interpretations, to singular cardinals). Tight stationarity will then be related to pcf theory, and from a certain pcf-theoretic assumption we will define a ccc forcing which arranges a particularly nice structure in the tightly stationary sequences.

**Please Note the Unusual Time!**