

## **Economics Seminar, Indian Statistical Institute, New Delhi.**

**SPEAKER:** Dinko Dimitrov, Saarland University, Germany.

**TITLE:** **Paths to stability in two-sided matching under uncertainty.**

**TIME:** 11:30 AM - 01:00 PM

**DAY & DATE:** Friday, 21st February, 2014.

**PLACE:** Seminar Room 2

### **Abstract:**

We consider one-to-one matching problems under two modalities of uncertainty that differ in the way types are assigned to agents. Individuals have preferences over the possible types of the agents from the opposite market side and initially know the 'name' but not the 'type' of their potential partners. In this context, learning occurs via matching and using Baye's rule. We introduce the notion of a stable and consistent outcome, and show how the interaction between blocking and learning behavior shapes the existence of paths to stability in each of the uncertainty environments. Existence of stable and consistent outcomes then follows as a side result.

**Keywords:** consistent outcomes, paths to stability, uncertainty, two-sided matching

**JEL Classification Numbers:** C62, C78, D71, D83

<http://www.isid.ac.in/~pu/seminar.html>