

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

**SPEAKER:** Daniel Granot, University of British Columbia

**TITLE:** On Some Cost Allocation Problems arising from Graph Optimization Problems

**TIME:** 4:00-5:30 P.M.

**DAY & DATE:** Thursday, 15<sup>th</sup> January, 2009

**PLACE:** Seminar Room 2, New Building

### **Abstract:**

We use cooperative game theory methodology to analyze cost allocation problems arising naturally in classical graph optimization problems such as the minimum cost spanning tree problem and the Chinese postman problem. We characterize fair solutions for such cost allocation problems, discuss the complexity of finding these solutions, and characterize graphs that give rise to fair solutions having nice properties.

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