Time table: Week 1

Day	10:00–11:15	11:30–12:45	14:00–15:15	15:30–16:45
01/07/2013	D M Pancholi	S. Shankar	M. Dutta	
02/07/2013	M. Dutta	D.M. Pancholi	S.Shankar	
03/07/2013	M. Dutta	D. M. Pancholi	S.Shankar	$E.H^*$
04/07/2013	M. Dutta	D.M. Pancholi	S.Shankar	$E.H^*$
05/07/2013	D.M.Pancholi	M. Dutta	S.Shankar	

Course details:

1. M. Dutta and D.M.Pancholi:

Introduction to h-principle

Abstract

The aim of this course is to introduce the notion of h-principle and discuss in detail its various applications to symplectic and contact geometry.

2. S. Shankar:

Basic symplectic geometry and Arnold conjecture

Abstract

This course introduces symplectic geometry from a historical viewpoint leading to the statement of the celebrated Arnold conjecture. The course also supplements the course on 'h-Principle' by covering necessary background material on symplectic geometry.

* E.H means extra hour if necessary