



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

Workshop on Equivariant Homotopy and ∞ -categories

19-21 August 2015

Minicourse on ∞ -Categories:

Lecture 1, Aslı Güçlükan İlhan, *Simplicial sets and model categories*

Lecture 2, David Blanc, *Simplicially enriched categories*

Lecture 3, Samik Basu, *Quasicategories*

Lecture 4, David Blanc, *Higher homotopy operations*

Lecture 5, Debasis Sen, *Models of infinity category*

Lecture 6, David Blanc, *Further directions*

Talks on Equivariant Homotopy :

Samik Basu, *Tverberg like theorems and equivariant cohomology*

Mehmet Akif Erdal, *Monoid Actions, (Co)homology theories and (Co)homotopy theories*

Shilpa Gondhali, *Higher Toda brackets and Massey products*

Cihan Okay, *Filtrations of classifying spaces*

Debasis Sen, *Bredon Cohomology with local coefficients and Crossed complexes*

Özgün Ünlü, *Twisted Classifying Space Functor*

Ergün Yalçın, *Rank three p -group actions on products of spheres*

	Wednesday, 19 August	Thursday, 20 August	Friday, 21 August
10:00-10:50	Lecture 1	Lecture 3	Lecture 5
10:50-11:10	Coffee Break	Coffee Break	Coffee Break
11:10-12:00	Lecture 2	Lecture 4	Lecture 6
12:00-14:00	Lunch Break	Lunch Break	Lunch Break
14:00-14:50	Ergün Yalçın	Özgün Ünlü	Samik Basu
14:50-15:10	Coffee Break	Coffee Break	Coffee Break
15:10-16:00	Debasis Sen	Cihan Okay	Shilpa Gondhali
16:00-16:20		Coffee Break	
16:20-17:10		Mehmet Akif Erdal	

Place : IMBM Seminar Room, Boğaziçi University South Campus

For more information please visit <http://www.imbm.org.tr/EHIAC/>