

# Algebraic Topology Conference- Buenos Aires, November 2008

## Conference Program

### Monday, November 10<sup>th</sup>

9:30 – 11:00 Registration - Coffee

11:00 – 12:00. **Peter May.** (University of Chicago)  
*Categories, posets, Alexandrov spaces, and simplicial complexes*

12:00 -- 13:00. **Maria Basterra.** (University of New Hampshire)  
*Topological Quillen Cohomology*

13:00. Lunch

15:00 -- 16:00. **Volkmar Welker.** (Universitaet Marburg)  
*Combinatorics and Algebra of Subdivision Operations*

16:00 – 16:30. Coffee Break

16:30 – 17:15. **Justin Noel.** (University of Chicago).  
*Generalized cohomology and Generalized Witt Schemes*

17:15 – 18:00 **Daniel Juan Pineda.** (Universidad Autonoma de Mexico)  
*Lower algebraic K-theory of braid groups of the projective plane*

### Tuesday, November 11<sup>th</sup>

10:00 – 11:00 **Dale Rolfsen.** (University of British Columbia).  
*Orderable groups and applications to topology*

11:00 – 11:30 Coffee Break

11:30 – 12.30 **Jonathan Barmak.** (Universidad de Buenos Aires)  
*Equivariant collapses and a conjecture of Quillen*

12:30 – 13.15 **Laura Scull.** (University of British Columbia).  
*Orbifolds and Equivariant Homotopy*

13:15 Lunch

15:00 – 16:00 **Soren Galatius**. (Stanford University).  
*Spaces of graphs and automorphisms of free groups*

16:00 – 16:30 Coffee Break

16:30 – 17:15 **Niles Johnson**. (University of Chicago).  
*Morita theory for derived categories: A bicategorical perspective*

17:15 – 18:00 **Eduardo Hoefel**. (Universidade Federal do Parana).  
*OCHA and the Swiss-Cheese Operad*

## Wednesday, November 12<sup>th</sup>

10:00 – 11:00 **Michael Mandell**. (Indiana University).  
*Localization Sequences in THH and TC*

11:00 – 11:30 Coffee Break

11:30 – 12:30 **Fernando Muro**. (Universitat de Barcelona).  
*How far is a triangulated category from a model*

12:30 – 13:15 **Matias del Hoyo**. (Universidad de Buenos Aires).  
*On the classifying space of a (co)fibred category*

## Thursday, November 13<sup>th</sup>

10:00 – 11:00 **Carles Casacuberta**. (Universitat de Barcelona).  
*Supercompact cardinals imply reflectivity of absolute orthogonality classes in locally presentable categories*

11:00 – 11:30 Coffee Break

11:30 – 12:30 **Tim Porter**. (University of Wales).  
*Ordinal sum and Shuffles: reflexions on the pieces of a puzzle*

12:30 – 13:15 **Rafael Diaz**. (Universidad del Rosario).  
*Homological Quantum Field Theory*

13:15 Lunch

15:00 – 16:00 **Mark Hovey.** (Wesleyan University)  
*Homological dimensions of ring spectra*

16:00 – 16:30 Coffee Break

16:30 – 17:15 **Stratos Prassidis.** (Canisius College)  
*Detecting Linear Groups*

17:15 – 18:00 **Noe Barcenás.** (Universitaet Muenster)  
*Equivariant cohomotopy for infinite groups and the Segal conjecture for families*

## **Friday, November 14<sup>th</sup>**

10:00 – 11:00 **Andrew Baker.** (University of Glasgow)  
*Galois extensions of the  $K(n)$ -local sphere*

11:00 – 11:30 Coffee Break

11:30 – 12:15 **Andres Angel.** (Hausdorff Center- Bonn)  
*Cobordisms of orbifolds*

12:15 – 13:15 **Michael Ching.** (University of Georgia).  
*Operads and the chain rule for Goodwillie calculus*