
Workshop on Topological and Differentiable Stacks

CRM, April 1-5, 2008

Practical information

Lecture room: The workshop will take place in the CRM "Auditori" located in the Sciences Building (Edifici de Ciències), Universitat Autònoma de Barcelona in Bellaterra.

Secretariat: The Secretariat of the CRM will be available to the participants from 9:30 am to 5:30 pm (with a lunch break).

Lodging arrangements: A list with the participants with their lodging arranged through the CRM is posted on the workshop's web page. Please, check your particular lodging arrangement there (<http://www.crm.cat/stacks>).

Computer facilities: The computer space of the CRM will be available for the participants of the workshop with the following login information:

Username: crmactivities

Password: participant

The CRM premises as well as most of the UAB campus have wireless connection. The wireless login information is: CRMwifikey

Breaks: Coffee and cookies will be served during the morning breaks.

Lunch: The CRM provides all participants with free lunch tickets to be used at some nearby Restaurants for the days of the workshop (except Saturday). You will find the tickets inside the workshop's folder. Please, make sure to read the back of the lunch ticket to learn what the lunch menu means.

Information on nearby restaurants open for lunch on weekends is given with the documentation package.

Local emergency numbers

Medical emergency campus number	1800 / 1900 during office hours 2525 at other times
UAB's Science Faculty reception office	1055
General emergency (police, fire-fighters, ambulances)	112

Programme

Tuesday, April 1

9:30—10:00		Registration
10:00—11:00	Ulrik Bunke	Two-periodic twisted cohomology for topological stacks I
11:00—11:30		Coffee break
11:30—12:30	Richard Hepworth	Orbifold Morse Inequalities
12:30—14:30		Lunch Break
14:30—15:30	Sharon Hollander	Applications of Homotopy Theory of Stacks I
15:30—16:00		Coffee Break
16:00—17:00	Mathieu Anel	Fundamental infinity-groupoid of stacks, and applications

Wednesday, April 2

10:00—11:00	Ulrik Bunke	Two-periodic twisted cohomology for topological stacks II
11:00—11:30		Coffee break
11:30—12:30	Richard Hepworth	Orbifold Morse-Smale-Witten Theory
12:30—14:30		Lunch Break
14:30—15:30	Sharon Hollander	Applications of Homotopy Theory of Stacks II
15:30—16:00		Coffee Break
16:00—17:00	Gustavo Granja	The stack of complex structures

Thursday, April 3

10:00—11:00	Jeffrey Giansiracusa	Pontrjagin-Thom maps and the homology of the moduli stack of stable curves
11:00—11:30		Coffee Break
11:30—12:30	David Gepner	Orbivariant homotopy theory
12:30—14:30		Lunch Break
14:30—15:30	Behrang Noohi	String Topology for Stacks I
15:30—16:00		Coffee Break
16:00—17:00	Anders Kock	Colimit aspects of certain stacks

Friday, April 4

10:00—11:00	Jeffrey Giansiracusa	Pontrjagin-Thom maps and the homology of the moduli stack of stable curves II
11:00—11:30		Coffee Break
11:30—12:30	David Gepner	Elliptic cohomology of orbifolds
12:30—14:30		Lunch Break
14:30—15:30	Behrang Noohi	String Topology for Stacks II
15:30—16:00		Coffee Break
16:00—17:00	Noah Kieserman	Obstruction of coisotropic submanifolds and Haefliger's integration-over-leaves map

Saturday, April 5

10:00—11:00	Dmitry Roytenberg	Differential graded manifolds and higher Lie theory
11:00—11:30		Coffee Break
11:30—12:30	David Carchedi	On the Mapping Stack of Topological Groupoids
12:45—13:45	Zoran Skoda	Categorifications of equivariant sheaves and quotients