

Swiss Knots 2009

Programme

All lectures to be held in Room 0.110, Biologie Végétale Building

All coffee breaks in the Pavillon Vert

Thursday, 19 March

14:00 - 15:00 C. Gordon

Surface subgroups of doubles of free groups

Coffee Break

15:30 - 16:30 M. Lustig

Horizontal Dehn surgery and genericity in the curve complex

16:40 - 17:40 M. Sakuma

On punctured torus bundles: Comparing two tessellations on the complex plane

17:45 Reception - Pavillon Vert, Botanical Garden

Friday, 20 March

10:00 - 11:00 K. Murasugi

On the total twisted Alexander polynomials of knots

Coffee Break

11:30 - 12:30 S. Friedl

Twisted Alexander polynomials and fibered knots

Lunch

14:15 - 15:15 S. Wehrli

Sutured Floer homology and the colored Jones polynomial

Coffee Break

15:45 - 16:45 J. Rasmussen

The Alexander polynomial of a sutured manifold

17:00 - 18:00 C. Stroppel

Convolution algebras and Khovanov homology

18:45 Conference Dinner - Restaurant Aigle Noir

Saturday, 21 March

09:00 - 10:00 J. Marché

Trace functions on the representation space of a surface in $SU(2)$

Coffee Break

10:30 - 11:30 F. Costantino

On sl_2 invariants of trivalent graphs in the sphere

11:40 - 12:40 A. Beliakova

Unified quantum $SO(3)$ invariants of rational homology 3-spheres