# BANACH CENTER

## Braids and Knots

### Warsaw, Poland, 11–15 December 2006

Śniadeckich 8, room 405

**Monday, December 11**

11:30 – 12:30 Józef Przytycki: *From Reidemeister moves to quandle homology*

**Tuesday, December 12**

10:00 – 11:00 Leonid Plakhta, *Link diagrams, Seifert graphs and braid index*

11:00 – 11:30 Coffee break

11:30 – 12:30 Daan Krammer, *Lawrence representations of braid groups*

**Wednesday, December 13**

10:00 – 11:00 Daan Krammer, *Garside structures on braid groups*

11:00 – 11:30 Coffee break

11:30 – 12:30 Milena Pabiniak, *Khovanov-type homology of graphs motivated by Hochschild homology*

14:15 – 15:15 Witold Rosicki, *Quandle cohomology invariant of a position of a* 3*-manifold in* $S^5$

**Thursday, December 14**

10:00 – 11:00 Adam Piwocki, *The lowest exponent of the Jones polynomial of* 3*-string braids*

11:00 – 11:30 Coffee break

11:30 – 12:30 Daan Krammer, *Garside groups; Dehornoy approach*

14:00 – 15:00 Maciej Niebrzydowski, *Homology of dihedral quandles*

17:00 Dinner

**Friday, December 15**

10:00 – 11:00 Bronisław Wajnryb, *Lifting homeomorphisms to branched coverings*

11:00 – 11:30 Coffee break

11:30 – 12:30 Adam Sikora, *What is new in Khovanov homology?*

14:00 – 15:00 Daan Krammer, *Linearity of braid groups*