**Workshop "Analysis and Geometric Measure Theory"**
**Banff Station, 26-31 July 2003**

*Sunday, 27 July 2003*

9-10 am, J. Garnett, *Analytic Capacity, Cantor Sets, Menger Curvature and Bilipschitz Maps*
10-10:30 am, Coffee Break
10:30-11:30 am, T. De Pauw, *The Plateau problem is not yet solved..... we're working at it*
11:40-12:40 am, B. Hardt, *Rectifiable Scans*
*Lunch and free discussions*
3:30-4 pm, Coffee Break
4-5 pm, T. O'Neil, *The Dimension of Visible Sets*
5:10-5:40 pm, J. Tyson, *TBA*
5:50-6:20 pm, S. Keith, *TBA*

*Monday, 28 July 2003*

9-10 am, G. David, *Open Problems on the Mumford-Shah Functional*
10-10:30 am, Coffee Break
10:30-11:30 am, F. Germinet, *Generalized Fractal Dimensions: Properties and Applications to Quantum Dynamics*
11:40-12:40 am, B. Kirchheim, *Rectifiability in the Metric Context and Density of Measures*
*Lunch and free discussions*
3:30-4 pm, Coffee Break
4-4:30 pm, S. Choi, *Lower Density Theorem for Harmonic Measure*
4:40-5:10 pm, D. Meyer, *Quasisymmetric Embedding of Self Similar Surfaces*
5:20-5:50 pm, V. Magnani, *TBA*

*Tuesday, 29 July 2003*

9-10 am, P. Mattila, *Uniqueness of Tangent Measures and Rectifiability in Metric Groups*
10-10:30 am, Coffee Break
10:30-11:30 am, J. Mateu, *Signed Riesz Capacities*
11:40-12:40 am, M. Melnikov, *TBA*
*Lunch and free discussions*
3:30-4 pm, Coffee Break

<u>*Wednesday, 30 July 2003*</u>

9-10 am, I. Laba, *TBA*
10-10:30 am, Coffee Break
10:30-11:30 am, P. Koskela, *TBA*
11:40-12:40 am, M. J. Gonzalez, *Geometry of Curves and Beltrami-Type Operators*
*Lunch and free discussions*
3:30-4 pm, Coffee Break
4-4:30 pm, N. Zobin, *Fourier Analysis on Fock Spaces and Extension Problems for Smooth Functions*
4:40-5:10 pm, S. Pauls, *TBA*
5:20-5:50 pm, C. Rios, *The $L^p$-Dirichlet Problem and Nondivergence Harmonic Measure*

<u>*Thursday, 31 July 2003*</u>

9-10 am, R. Serapioni, *TBA*
10-10:30 am, Coffee Break
10:30-11:30 am, N. Shanmugalingam, *An Introduction to the Dirichlet Problem for the p-Laplacian on Certain Metric Measure Spaces*