6th Conference

Geometry and Topology of Manifolds

Under the auspices of Prof. Jan Krysiński
Rector of the Technical University of Łódź

Institute of Mathematics of the
Jagiellonian University, Cracow

Institute of Mathematics of the
Technical University of Lodz

AGH University of Science and Technology,
Faculty of Applied Mathematics, Cracow

We are pleased to inform you that the sixth conference of the cycle initiated in 1998 with a meeting in **Konopnica** will be organized as in 2003 in Krynica from 2.05.2004 to 8.05.2004 (**Poland**).

Krynica is a well known resort situated in Beskidy Mts. The main purpose of the conference is to present an overview of principal directions of research conducted in differential geometry, topology and analysis on manifolds and their applications, mainly (but not only) to Lie algebroids and related topics.

We would like to attract attention to:

- Riemannian, symplectic and Poisson manifolds
- index theorems
- Lie groups, Lie groupoids, Lie algebroids
- Lie-Rinehart algebras, Poisson algebras
- foliations
- characteristic classes.

Scientific Committee (can be extended)

- Alekseevsky, Dmitri (Hull, GB)
- Brown, Ronald (Bangor, UK)
- Brzychczy, Stanisław (Cracow, Poland)
- Grabowski, Janusz (Warszawa, Poland)
- Kock, Anders (Aarhus, Denmark)
- Lecomte, Pierre (Liege, Belgium)
- Mishchenko, Alexander (Moscow, Russia)
- Pradines, Jean (Toulouse, France)
- Szenthe, Janos (Budapest, Hungary)
- Wolak, Robert (Cracow, Poland)
- Yanlin, Yu (Suzhou, China)
- Zhang, Weiping (Tianjin, China)

Mini-courses:

1. Bernhelm Booss-Bavnbek, *Spectral Invariants for Symmetry and Asymmetry*
2. Alexander S. Mishchenko, *Topological K-theory from the point of view of C*-algebras and Fredholm representations*
3. Nicolae Teleman, *Algebra Extensions and Characteristic Classes*

See more on our web pages: **http://im0.p.lodz.pl/konferencje/krynica2004**