

Off Conference

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**SINGULARITY THEORY**

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Young Researchers in Honour of Professor Stanisław Łojasiewicz

*Cracow, Jagiellonian University, March 21 – 27, 2004*

All talks will take place in the lecture room at Polish Academy of Science, ul. św.Tomasza 30

**March 22, Monday**

14:20-14:55 P.Goldstein, *Gradient of a harmonic function on  $\mathbb{R}^3$ ,*

15:05-15:40 V.Grandjean, *Gradient-like inequality at infinity and relation to triviality of real polynomials,*

**March 23, Tuesday**

14:20-14:55 D.D'Acunto, *Length of the trajectories of the gradient field and talweg lines,*

15:05-15:40 G.Valette, *Triangulations and definable bi-Lipschitz triviality,*

**March 24, Wednesday**

14:20-14:55 R.Ghiloni, *Second order homological obstructions and global Sullivan-type conditions on real algebraic sets,*

15:05-15:40 W.Domitrz, *Relative Darboux theorem for singular subvarieties of a symplectic manifold and local symplectic algebra,*

**March 26, Friday**

14:00-14:35 G.Fichou, *Motivic integration,*

14:45-15:20 S.Radriambololona, *Arity and generation for global subanalytic sets,*

15:25-15:50 T.Servi, *Effective o-minimality of the real exponential field and its application on the decidability issue.*