

帰国報告書 (ITP Research Report)

Research Report of JSPS-ITP

(The international sending-elevating project for young mathematicians  
based on singularity, topology and mathematical analysis: Hokudai model)

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Period of ITP-Stay: 13/7/2009-21/7/2009

Research Report:

I visited Poland to take part in Banach Center Symposium “Geometric Singularity theory” Polish-Japanese Singularity Theory Working Days in Kazimierz Dolny from 13<sup>th</sup> July to 19<sup>th</sup> July.

In Kazimierz Dolny, I gave a presentation about my study for ten minutes. The title of my talk was “Slant geometry on de Sitter  $n$ -space.” On de Sitter space there are two geometry. One has a de Sitter hyperhorospere as a flat surface, and the other consider a flat elliptic hyper quadric as a flat surface. Slant geometry is a geometry between them. I will write my Master's thesis on this subject.

It was the first experience to visit Europe and to make a presentation in English. It was difficult for me to prepare my talk in English and very strained to speak in English. So it became a very good experience. In Kazimierz Dolny, the nature and the building were very beautiful. I was impressed by everything I saw and I heard. People were very kind to me, and taught me a lot of things.

Finally, I would like to express my gratitude to ITP and the all people who gave me an opportunity to experience something like this.