

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: 9/7/2009-21/7/2009

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 and “School on Generic Singularities in Geometry” in Warsaw from 10<sup>th</sup> July to 11<sup>th</sup> July.

In Warsaw, I was given a chance to talk about my study. The title of my talk was “Slant geometry on hyperbolic  $n$ -space.” We consider a geometry between hyperbolic geometry and horospherical geometry on hyperbolic space. We call the geometry “slant geometry.” I will continue my study and I would like to write my Master's thesis on this subject.

It was the first time for me to visit Europe and to make a presentation in English. So it became a very good experience though it was very difficult for me to speak English. I was impressed by everything (food, culture, building, nature, etc.). And, people were very kind to me.

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