

Proceedings of the international conference
“Geometric and Algebraic Singularity Theory”

In honor of Goo Ishikawa on the occasion
of his 60th Birthday

In 2017, from September 10th to September 16th, the conference “Geometric and Algebraic Singularity Theory” was held at the Banach Center, Będlewo, Poland. This conference was organized especially to celebrate the 60th Birthday of Professor Goo Ishikawa. There we brought together specialists of various domains, who represent algebraic, geometric and analytic approaches to numerous topics related to Singularity Theory; including, e.g.,

- Singularities of smooth maps and differential forms
- Lagrangian and Legendrian singularities
- Differential geometry of frontals and wavefronts
- Symplectic and contact geometry
- Subanalytic and semialgebraic sets
- Algebraic curves, moduli and resolutions
- Applications to physical systems, dynamics and control theory
- Global topology of smooth maps and their singularities.

We had 38 talks and 7 poster presentations, and nearly 60 participants did exchange fruitful discussions during the conference.

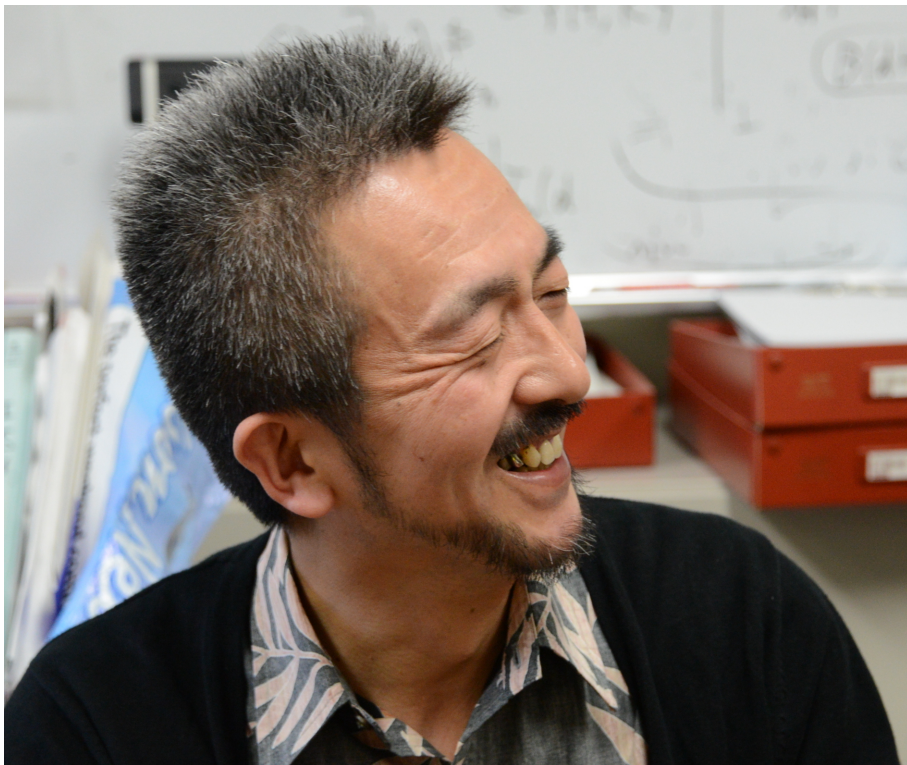
In these proceedings we have collected several research papers mainly from the participants of the conference. All the papers have been refereed and are presented in the final form. We hope that this volume will give a wide range of readers, including graduate students and researchers in different fields, an opportunity to encounter deep and attractive aspects of the marvelous field of Singularities.

Finally, we would like to express our sincere gratitude to the Banach Center, Polish Academy of Science and Japan Society for the Promotion of Science for their support, to all contributors for the proceedings, and to all the participants and local organizers of the conference. We also thank the referees for helping us with the review process and the editors of the Journal of Singularities for making this special issue possible.

Osamu Saeki, Fukuoka
Toru Ohmoto, Sapporo
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Group Photo at the Banach Center, Będlewo, Sept. 2017.



Goo Ishikawa