

A report on visiting Taiwan

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I have visited at Taipei, Taiwan since Nov. 10 to Nov. 26 for Interdisciplinary research in modified gravity, particle physics, and cosmology. The first place I visited is Leung Center for Cosmology and Particle Astrophysics (LeCosPA), National Taiwan University, where I stayed from Nov. 11 to Nov. 14. The host is Dr. Izumi. I discussed with him the relation between superluminality and acausality in modified gravity theories. I presented a seminar “Revisiting the supersymmetric Starobinsky inflation in the old-minimal supergravity” on Nov. 11. I discussed the topic with the director, Prof. Pisin Chen, and I hope this will develop into a research collaboration.



The second place I visited is Institute of Physics, Academia Sinica, where I stayed from Nov. 15 to Nov. 19. The host Prof. Kin-Wang Ng was absent, but Dr. Kitadono and other members kindly accepted my visit. I presented the seminar on Nov. 18, and I received many interests and questions.

Finally, I participated in the 19th International Symposium on Particles, Strings and Cosmology held from Nov. 20 to Nov. 26. My talk was on the first day, in the inflation session 1. I received questions and a comment from those including famous physicists. Also, I learned many recent progresses on various fields including astrophysics, observational cosmology, dark matter experiments, renormalization group in quantum field theory, current and future collider, and so on in this symposium.

