

LIST OF EDUCATIONAL AND RESEARCH ACHIEVEMENTS

1. ARTICLES(PEER-REVIEW JOURNAL)

- (1) Castellanos Moscoso, L. P. and Tamaru, H.: *A classification of left-invariant symplectic structures on some Lie groups*. Beitr Algebra Geom.(2022)
- (2) Castellanos Moscoso, L. P.: *Left-invariant symplectic structures on diagonal almost abelian Lie groups*. Hiroshima Math. J. 52 (3) 357–378 (2022)

2. PROCEEDINGS

- (1) Castellanos Moscoso, L. P.: *A classification of left-invariant symplectic structures on some Lie groups*. Proceedings of 部分多様体論湯沢 (2019).
- (2) Castellanos Moscoso, L. P.: *Moduli Spaces and left-invariant symplectic structures on Lie Groups*. Proceedings of The 23rd International Geometry Workshop on Submanifolds in Homogenous Spaces & Related Topics (2021) 141–146.
- (3) Castellanos Moscoso, L. P.: *Symplectic structures on almost abelian Lie algebras*. Proceedings of The 20th OCAMI-RIRCM Joint Differential Geometry Workshop.

3. PRESENTATIONS

- (1) *Symplectic structures on almost abelian Lie algebras*. 2023 OCAMI-RIRCM International Workshop on Geometry and Symmetric Spaces —The 20th OCAMI-RIRCM Joint Differential Geometry Workshop. February 22-24, 2023.
- (2) *Symplectic structures on almost abelian Lie algebras*.The 3rd Shot of The 13th MSJ-SI “Differential Geometry and Integrable Systems” (Celebrating Professor Yoshihiro Ohnita’s retirement). March 3-13, 2023.
- (3) *Degenerations of orbits and left-invariant symplectic structures on Lie groups* (Short Communication). The 27th Osaka City University International Academic Symposium Mathematical Science of Visualization, and Deepening of Symmetry and Moduli. March 21-26, 2021.
- (4) *Moduli Spaces and left-invariant symplectic structures on Lie groups*. The 12th TAPU-KOOK Joint Seminar on Knots and Related Topics and The 14th Graduate Student Workshop on Mathematics. July 27-29, 2021.
- (5) *Moduli Spaces and left-invariant symplectic structures on Lie groups*. The 23rd International Differential Geometry Workshop on Submanifolds in Homogeneous Spaces and Related Topics. July 2-3 (Sat), 2021.
- (6) *A classification of left-invariant symplectic structures on some Lie groups*. The 18th OCAMI-RIRCM Joint Differential Geometry Workshop on “Differential Geometry of Submanifolds in Symmetric Spaces and Related Problems”. February 18-20, 2020.
- (7) *A classification of left-invariant symplectic structures on some Lie groups*. 広島幾何学. 研究集会 2019. October 9-11, 2019.
- (8) *A classification of left-invariant symplectic structures on some Lie groups* (Short Communication). 部分多様体論湯沢 2019. November, 28-30, 2019.
- (9) *A classification of left-invariant symplectic structures on some Lie groups*. The 3rd International Workshop Geometry of Submanifolds and Integrable Systems. December 2-6 , 2019.