

Curriculum Vitae

As of 17 July 2026

Name: Tomoyuki Shibata (Shibata, T.; 柴田 朋幸)

Occupation: 1st-year PhD student

Affiliation: Department of Earth & Planetary Science, Graduate School of Science, The University of Tokyo

Origin & Nationality: Japanese

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Background

◆ [Academic Career](#)

Apr. 2026 - present JST Support for Pioneering Research Initiated by the Next Generation (SPRING) Program, The University of Tokyo "Advanced Human Resource Development Leading Green Transformation (GX) (SPRING GX)" Project student

◆ [Academic Activities](#)

Apr. 2026 - present Member, JpGU Early Career Researchers Steering Subcommittee

◆ [Education](#)

Apr. 2026 - present Doctoral course, Department of Earth and Planetary Science, Graduate School of Science, The University of Tokyo (Prof. Keita Iga's Lab., Atmosphere and Ocean Research Institute)

Apr. 2024 - Mar. 2026 Master's course, Department of Earth and Planetary Science, Graduate School of Science, The University of Tokyo (Prof. Kaoru Sato's Lab., Graduate School of Science)

Apr. 2022 - Mar. 2024 Department of Earth and Planetary Physics, Faculty of Science, The University of Tokyo

Apr. 2020 - Mar. 2022 Junior Division (Natural Sciences I), College of Arts and Sciences, The University of Tokyo

Achievements

◆ Papers (Peer-reviewed)

L:EN Shibata, T.*, Yamamoto, S.*, Sato, K.*, Kohma, M. & Koshin, D. (2025). A Climatology of Filaments Emanating from the Stratospheric Polar Vortex in the Southern Hemisphere. Scientific Online Letters on the Atmosphere, 21, 483-491, doi:10.2151/sola.2025-05.

(* : equal contribution)

◆ Presentations

2026

May 27 L:EN Shibata, T., & Sato, K. Dynamical Characteristics and Mechanism of Midlatitude Sudden Stratospheric Warming in the Southern Hemisphere. JpGU-AGU Joint Meeting 2026. Chiba. Oral.

Mar 09 L:JA Shibata, T., & Sato, K. 南半球における中緯度成層圏突然昇温の力学的特徴とメカニズム. PANSY 研究集会 2026. Tokyo. Oral.

Mar 04 L:JA Shibata, T., & Sato, K. 南半球における中緯度成層圏突然昇温の力学的特徴とメカニズム. 地球流体力学研究集会 2026. Chiba. Oral.

Mar 02 L:EN Shibata, T., & Sato, K. Dynamical Characteristics and Mechanism of Midlatitude Sudden Stratospheric Warming in the Southern Hemisphere. Mini-Workshop on Interactions between Middle Atmosphere and Troposphere. Fukuoka. Oral.

2025

Nov 06 L:JA Shibata, T., & Sato, K. 南半球中緯度における成層圏突然昇温のメカニズムの解明. The Meteorological Society of Japan Autumn Meeting 2025. Fukuoka. Oral.

Mar 17 L:JA Shibata, T., & Sato, K. 南半球冬季成層圏の中緯度昇温の力学メカニズムの解明. PANSY 研究集会 2025. Tokyo. Oral.

2024

May 22 L:JA Shibata, T., Yamamoto, S., Koshin, D., Kohma, M., & Sato, K. 成層圏極渦に伴うフィラメント構造の統計解析. The Meteorological Society of Japan Spring Meeting 2024. Online. Oral.