

Chan-Ye (Chris) Ohh

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Google Scholar

Education

University of Southern California <i>Ph.D., Mechanical Engineering</i>	Los Angeles, CA 2017–2023
University of Southern California <i>M.S., Mechanical Engineering</i>	Los Angeles, CA 2015–2017

TODO (*edit cv/cv.tex*): Add B.S. degree if applicable.

Research Experience

Postdoctoral Scholar <i>Air-Sea Interaction Laboratory, Scripps Institution of Oceanography, UC San Diego</i>	La Jolla, CA 2025–Present
Postdoctoral Scholar <i>Applied Physics Laboratory, University of Washington</i>	Seattle, WA 2023–2025
Graduate Research Assistant <i>Stratified Fluids Laboratory, University of Southern California</i>	Los Angeles, CA 2017–2023

Publications

C.-Y. Ohh and G.R. Spedding (2024). “The effects of stratification on the near wake of 6:1 prolate spheroid.” *Journal of Fluid Mechanics*, 997, A43. doi:10.1017/jfm.2024.829. Open Access (CC BY 4.0).

C.-Y. Ohh and G.R. Spedding (2022). “Wake identification of stratified flows using dynamic mode decomposition.” *Physical Review Fluids*, 7, 024801. doi:10.1103/PhysRevFluids.7.024801. *Editor’s Suggestion*.

V.K. Chinta, C.-Y. Ohh, G. Spedding, and M. Luvar (2022). “Regime identification for stratified wakes from limited measurements: a library-based sparse regression formulation.” *Physical Review Fluids*, 7, 033803. doi:10.1103/PhysRevFluids.7.033803.

TODO (*edit cv/cv.tex*): Add any additional publications not listed above.

Presentations

C.-Y. Ohh, M. Oliver, and G. R. Spedding (2023). “The near-wake of an inclined 6:1 prolate spheroid in a stratified fluid.” APS Division of Fluid Dynamics Meeting (DFD23), Washington, DC. (*Oral*)

C.-Y. Ohh, M. Oliver, and G. R. Spedding (2022). “Asymmetric stratified wakes.” APS Division of Fluid Dynamics Meeting (DFD22), Indianapolis, IN. (*Oral*)

V. K. Chinta, M. Jones, M. Yee, P. Loekman, **C.-Y. Ohh**, G. R. Spedding, and M. Luhar (2021). “Regime classification for stratified wakes from planar velocity field snapshots using convolutional neural networks.” APS Division of Fluid Dynamics Meeting (DFD21), Phoenix, AZ. (*Poster*)

C.-Y. Ohh and G. R. Spedding (2019). “Wake identification of stratified flows using Dynamic Mode Decomposition.” APS Division of Fluid Dynamics Meeting (DFD19), Seattle, WA. (*Oral*)

C.-Y. Ohh, Y. Huang, Z. Wen, E. Kanso, and M. Luhar (2016). “Leveraging fluid-structure interaction for passive control of flapping locomotion.” APS Division of Fluid Dynamics Meeting (DFD16), Portland, OR. (*Oral*)

TODO (*edit cv/cv.tex*): Verify this list is complete and add any invited seminars or additional presentations.

Awards & Honors

Poster Award (Second Place), APS Division of Fluid Dynamics Meeting 2021

TODO (*edit cv/cv.tex*): Add any additional awards, fellowships, or honors.

TODO (*edit cv/cv.tex*): Add additional sections as needed: Teaching, Service & Outreach, Skills.