

TRACK CO-CHAIR BIOGRAPHY



Dr. Ramy Gadallah

Associate Professor

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Dr. Ramy Gadallah earned his Ph.D. in Computational Fracture Mechanics and his M.S. in Welding Mechanics from The University of Osaka (UOsaka), Japan, in 2017 and 2014, respectively. After completing his doctoral studies, he worked as a postdoctoral researcher at the Joining and Welding Research Institute (JWRI), UOsaka, from 2017 to 2021. He subsequently served as a Project Faculty Member at Osaka Prefecture University from 2021 to 2022 and as a Specially Appointed Associate Professor at Osaka Metropolitan University from 2022 to 2026. Since April 2026, he has been serving as a Specially Appointed Associate Professor at JWRI, UOsaka.

Dr. Gadallah's research focuses on fatigue assessment, fracture mechanics, and welding mechanics of engineering components and structures, with a particular emphasis on computational modeling and numerical simulation. He has authored more than 30 peer-reviewed journal and conference publications and has presented his research at over 20 international and domestic conferences. He also serves as a Young Editorial Board Member of the Journal of Pipeline Science and Engineering. Several of his publications have been recognized as key scientific articles by Advances in Engineering.