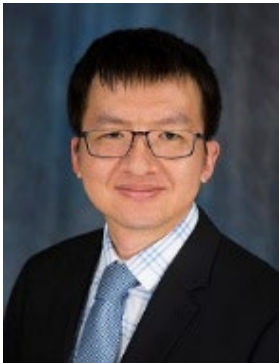


Zhenyu Wang – Lubrizol (Bio)



Dr. Zhenyu Wang is a Senior Manager in Decision Science Department at The Lubrizol Corporation in Deer Park, TX, where he leads a team of data scientists advancing AI-enabled decision systems across the areas of manufacturing analytics, supply chain forecasting and computer vision. Prior to joining Lubrizol, Zhenyu worked at Dow where he built a strong track record of solving complex industrial problems in process monitoring, fault diagnosis, process optimization, text mining, and supply chain optimization. Throughout his career, he has developed and deployed advanced machine learning and artificial intelligence (AI) methodologies that improve manufacturing agility, efficiency, and reliability. He also leads external academic research collaborations to accelerate innovation at the intersection of AI and Chemical Industry. Zhenyu was recognized by the AIChE with the 35 under 35 Award for innovation and entrepreneurship in 2020 for his innovative applications of AI.

Zhenyu received his B.S. degree in Chemistry from Renmin University of China, Master's and Ph.D. degrees in Chemical Engineering from University of Florida and Tufts University, respectively. He has authored 28 peer reviewed papers and over 30 conference talks in the fields of process system engineering, big data analytics, and industrial internet of things.

Zhenyu has actively served the process systems engineering community, including roles as Associate Editor for the 2022 American Control Conference (ACC), analytics lead on the AIChE Executive Board Programming Committee (EBPC) Annual Meeting Refresh Taskforce from 2019–2021, and advisory board member for the Process Engineering & Technology Track at the 2020 Downstream Conference. He also chaired or co-chaired 15 sessions across AIChE and ACC and reviewed papers for 15 journals.