

Fueling the Future: From Sustainable Feedstocks to Low Carbon Intensity Fuels and Chemicals

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Monday, September 23, 2024
9:00 – 11:00 AM
POST 121

Speaker Biography

Dr. Jinxia Fu holds a Ph.D. in chemistry from Brown University and is currently an assistant researcher at the Hawai'i Natural Energy Institute, University of Hawai'i at Mānoa. Her expertise lies in biomass and waste processing, biofuel development, and bioenergy conversion technologies. Dr. Fu's recent research emphasizes the exploration of biomass resources, advancements in processing techniques, and thermochemical conversion methods. She leads key initiatives in the development of low carbon intensity fuels, high energy density fuels, and sustainable fuel additives. Dr. Fu has over 50 publications and has served as an editor for the journal *Fuel* since 2021. She is also the 2025 Program Chair and on the advisory board of the American Chemical Society Energy and Fuels Division.

