Muhammad Ali Haider

ICRERA 2026 Presenter Curriculum Vitae



Muhammad Ali Haider is a chemical engineer with research interests in waste-to-energy conversion, sustainable waste management and machine learning for process optimisation. He is pursuing master's studies at LUT University, Finland, and Universidad Politécnica de Madrid, Spain, through a double degree programme from ERASMUS+, EiT Rawmaterials. He holds a Bachelor of Chemical Engineering from the National University of Sciences and Technology (NUST), Pakistan, and received the President's and Rector's Gold Medals.

His research experience at NUST covers the use of machine learning to optimise waste plastic pyrolysis, alongside work on biochar production and wastewater treatment. He has also co-authored research on sustainable plastic waste management. At ICRERA 2026, he is presenting "Conditional Public Acceptance of Waste Incineration: What Shapes Public Support?", examining the conditions under which people support waste incineration.