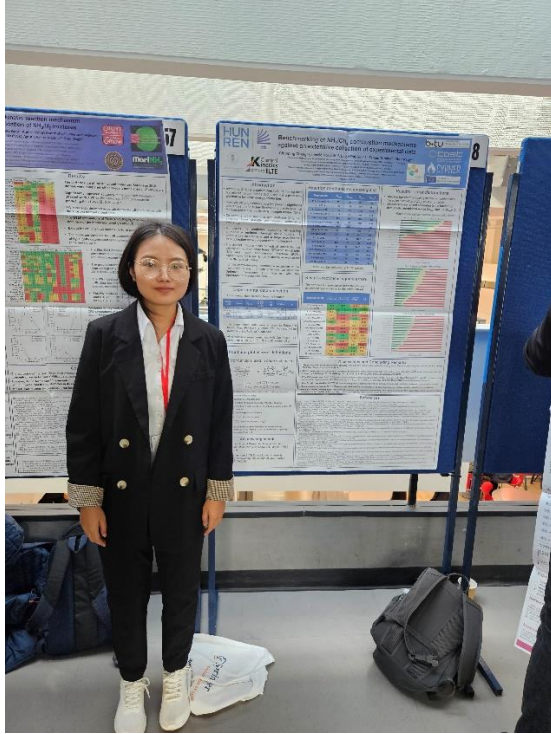


Participation in the European Combustion Meeting was an excellent opportunity to present my research and engage with leading experts in the combustion community. My accepted contribution, titled “Benchmarking of NH_3/CH_4 Combustion Mechanisms Against an Extensive Collection of Experimental Data”, was presented as a poster. The work focuses on evaluating and comparing existing kinetic mechanisms for ammonia/methane combustion using a broad dataset of experimental results. This topic attracted considerable interest due to the increasing attention on ammonia as a potential carbon-free fuel in future low-emission energy systems. Attached here is a photo of me with my poster.



During the poster session, I received valuable technical feedback and engaged in meaningful discussions with researchers working on mechanism development and validation. Attendees were particularly interested in the approach used for benchmarking, the coverage of experimental conditions, and the insights into predictive performance of various mechanisms under different regimes.

The presentation significantly increased the visibility of my work. I had the opportunity to interact with researchers from institutions such as Tsinghua University, Technical University of Munich (TUM), University of Pisa, and King Abdullah University of Science and Technology (KAUST). These discussions were highly productive, leading to the exchange of ideas and contacts.

Overall, the conference greatly contributed to both the dissemination of my current research and the establishment of valuable academic connections. The insights gained and contacts made during the event will be instrumental in shaping future research directions and collaborative efforts in the field of alternative fuel combustion.