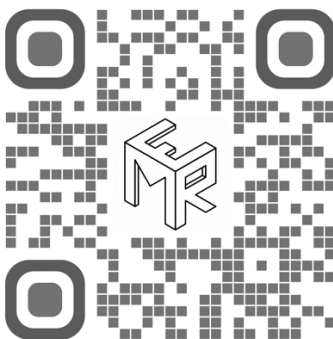


**Are you...**

- ... motivated to make an impact in the most environmentally friendly pathways to obtain energy carriers and chemicals?
- ... enthusiastic to solve relevant immediate problems or longer-term goals to achieve sustainability?
- ... in possession of a BSc, MSc or PhD degree in Chemical Engineering or related field?
- ... familiar with the mathematical interpretation of catalyst kinetics and/or chemical reactor phenomena?
- ... able to work, communicate and convince in a multicultural-multidisciplinary environment?

**Then, we can offer you...**

- ... a research position and your next career milestone: MSc/PhD/PD
- ... access to world class research equipment and facilities
- ... being part of a community of outstanding researchers and professors recognized worldwide
- ... the chance to solve real and applied problems in a creative way
- ... a framework to bring your ideas into live and explore your entrepreneurial potential
- ... being at the forefront of human change, supported by decision-makers and industrial partners



The Multiscale Reaction Engineering (MuRE) group –King Abdullah University of Science and Technology (KAUST), KAUST Catalysis Center (KCC)– engineers catalytic reactions by using a systematic multiscale approach, developing advanced reactors and catalysts while modeling the collective process dynamics. MuRE targets environmental and waste-valorization processes such as the transformations of small- (carbon dioxide, methane, paraffins, methanol) or big-molecules (refinery residues, crude, biomass, lignin, plastic wastes, used tires) into hydrogen, light olefins, platform chemicals or high-quality fuels. <https://mure.kaust.edu.sa>