



dr Elizabeth Rose Mercer (USA) studied master of chemistry at the University of Antwerp, and did her PhD in our group from 2021 till 2025, on CO_2 (and CH_4) conversion in microwave plasma reactors, including the effect of dual injection (reactive quenching by CH_4), and gas preheating, as well as the combined CO_2 and N_2 fixation for conditions mimicking Martian atmosphere, to investigate in-situ resource utilisation. She will stay a few more months in our group as postdoc.