



dr Matthias Albrechts (Belgium) made his PhD in our group from 2022 to 2026, on CFD modelling of both microwave and arc plasmas, for various gas conversion applications (CO_2 splitting, NO_x production from air plasmas, CO_2 plasma with post-plasma CH_4 injection, and O_2 plasmas in contact with CH_4 , for CH_4 emission reductions in farming, in an EU Horizon Europe project CANMILK). After his PhD, he stayed in our group as a postdoc, continuing on CFD modelling for CO_2 plasmas, but focussing on innovative process improvements beyond the plasma itself, and expanding his research skills also to DFT simulations and experiments.