



dr Stein Maerivoet (Belgium) made his PhD in our group from 2022 to 2026, as a joint PhD student with ULB (F. Reniers) in an FWO-FNRS Excellence of Science project, on CFD modeling of various plasma types (arc, atmospheric pressure glow discharge and ns-pulsed plasmas) for various gas conversion applications, mainly related to sustainable H₂ production (from CH₄ and NH₃ cracking, and from CO₂/CH₄/O₂ plasmas). After his PhD, he stayed in our group as a postdoc, continuing on CFD modeling, but also experiments, and for another application: plastic waste valorization.