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Evaluation of bio-crude refinery value chains

experimental fractional distillation, supercritical CO₂ extraction, and hydrotreatment

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Evaluation of Bio-Crude Refinery Value Chains: Experimental Fractional Distillation, Supercritical Co₂ Extraction, and Hydrotreatment

Short introductory summary:

The aim of this study is to evaluate and compare HTL value chains, i.e. from lignocellulosic biomass to final fuels, based on state-of-art experimental data from all the involved core processing steps, and more importantly the novel combination of such data, based on established overall carbon and mass balances together with drop-in potentials based on fuel characteristics.

Presenter: **Thomas Helmer PEDERSEN, Aalborg University, Energy Technology Dpt., Aalborg, DENMARK**

Presenter's biography:

Thomas Helmer Pedersen is a researcher and assistant professor at the Department of Energy Technology, Aalborg University, Denmark. His work focuses mainly on liquid fuels production from various feedstock through hydrothermal liquefaction.

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