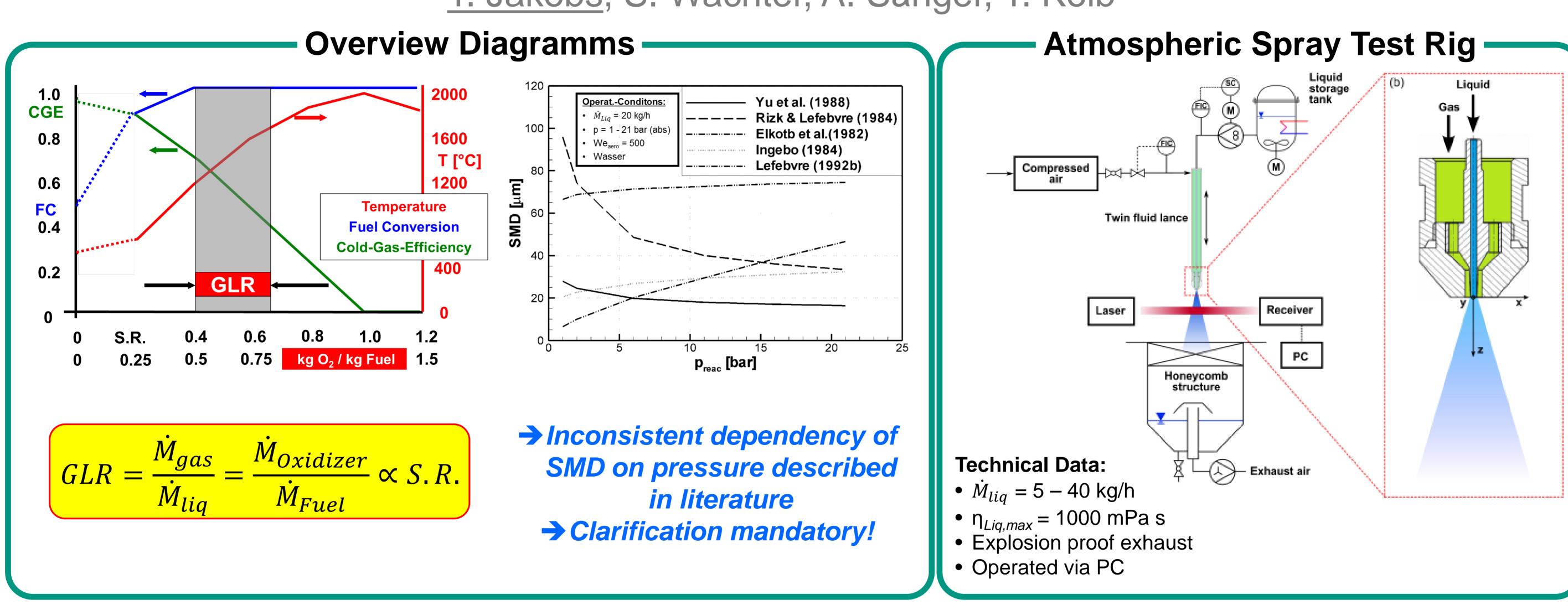
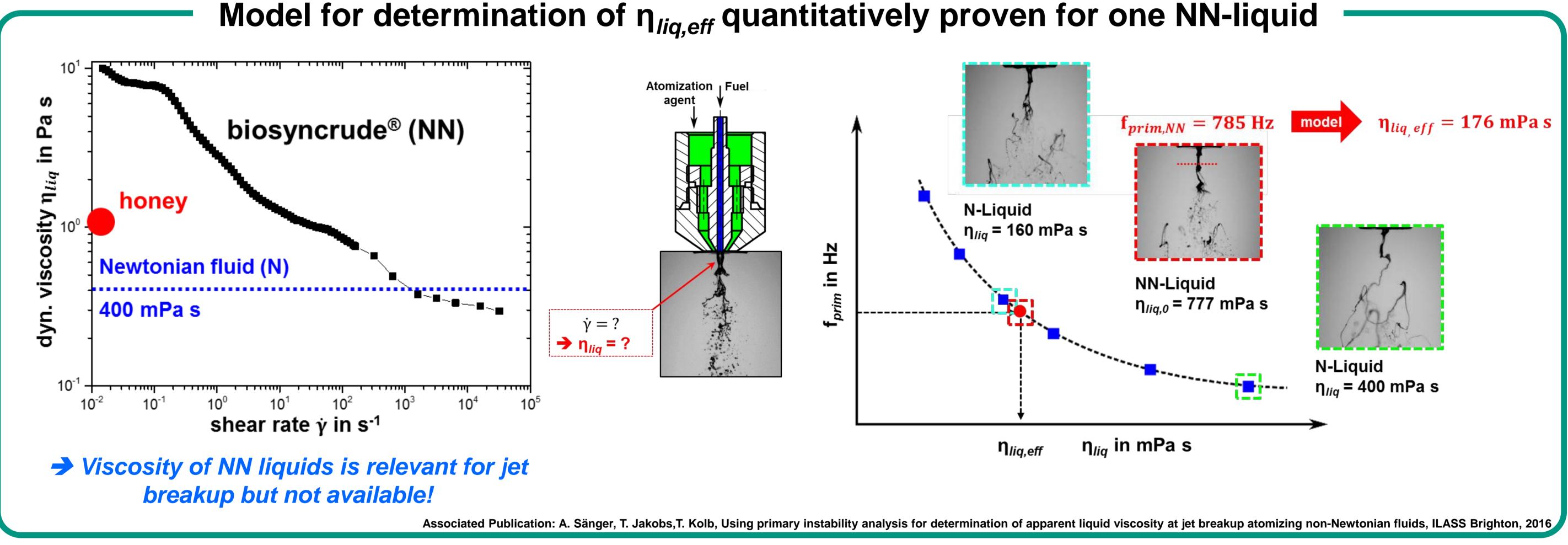


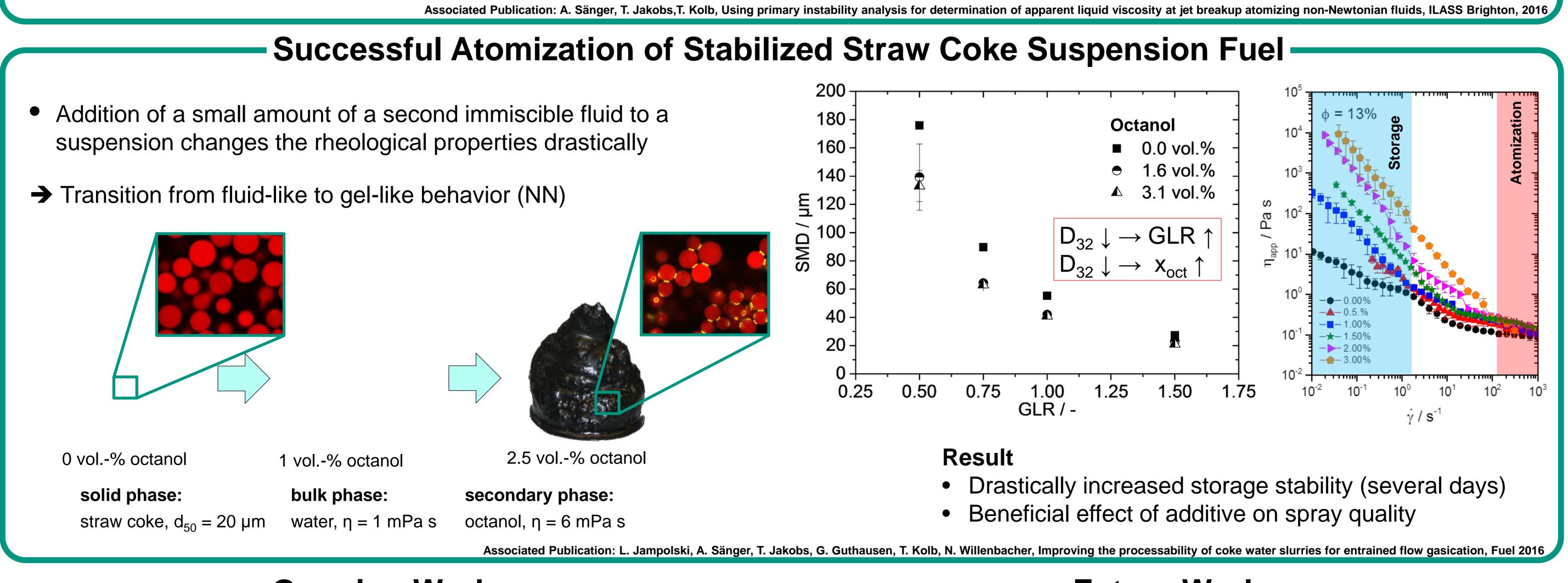
Spray Investigation for Entrained Flow Gasification

Atmospheric Spray Test Rig - ATMO

T. Jakobs, S. Wachter, A. Sänger, T. Kolb







Ongoing Work

- Atomization of suspensions
- Improved CFD-Modelling
- Data-based model atomization of viscous suspensions

Future Work

- Experimental investigation of different nozzle geometries
- Derive rules for burner scale up
 - → Virtual Spray Test Rig