



# Deutscher Flammentag 2025

## Wednesday, September 17, 2025

### Session 18: Experimentelle Grundlagen - L2 (2:00 PM - 3:40 PM)

-Conveners: Nina Gaiser

| time    | [id] title                                                                                                                                                            | presenter             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 2:00 PM | [115] Laser-Raman-Diagnostik in einer Zweiphasen-Strömung                                                                                                             | ZENK, Martin          |
| 2:20 PM | [75] Sheet burner nozzle: Influence of liquid mass flow and viscosity on droplet size                                                                                 | RICHTER, Juliana      |
| 2:40 PM | [54] Untersuchung der Brennstoff/Luft Durchmischung für die Wasserstoffverbrennung in Mikromix-Brennern mit der Tomographischen Background Oriented Schlieren Technik | Prof. KEPPELER, Roman |
| 3:00 PM | [42] Comparison of a Conventional and an Additively Manufactured Burner Nozzle for Technically Premixed Turbulent Combustion                                          | BAUER, Florian        |
| 3:20 PM | [62] Investigation of boundary layer flashback for non-swirling premixed C3 and C4 alcohol/ air flames                                                                | BAJRAMI, Julian       |