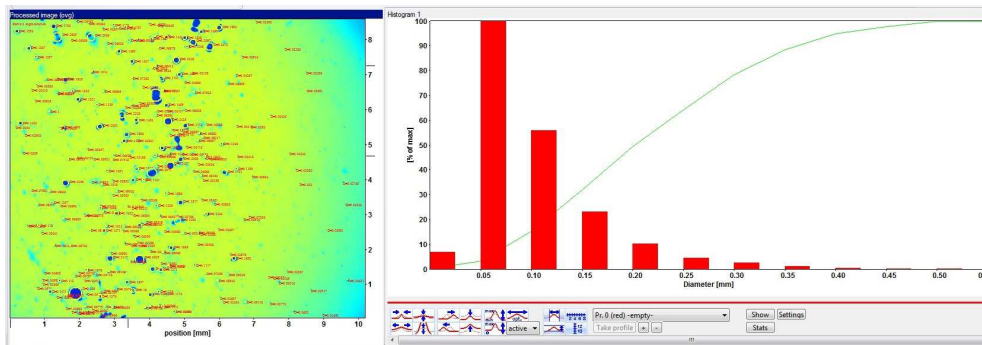


## LASER DIAGNOSTICS LABORATORY

for spray and combustion measurements

- **Individual droplets visualization and measurement**

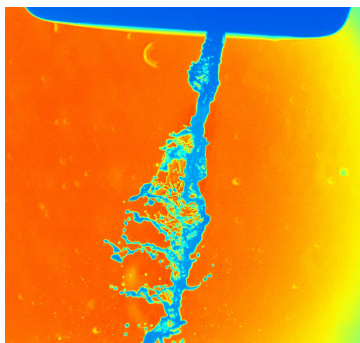
Droplet size determination (single shot images and statistical analysis)



- **Primary breakup observation**

Ligaments visualization

Unbroken liquid length determination



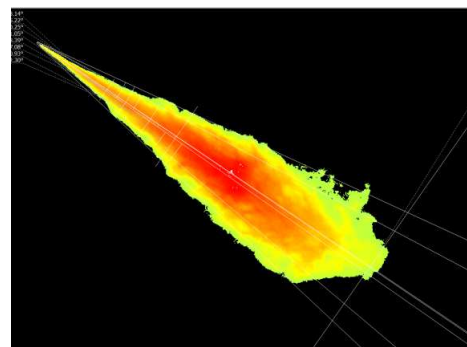
- **Global spray parameters measurements**

Spray penetration

Spray angle

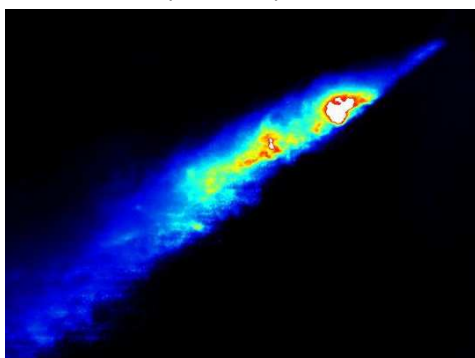
Spray width

(Mie scattering high speed imaging)



- **Droplet size distribution determination**

D32 – Sauter Mean Diameter distribution (LIF/Mie)



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