



**LA VISION**

WE COUNT ON PHOTONS

<b>CA</b>	Crank Angle
<b>CCD</b>	Charge Coupled Device
<b>CVD</b>	Chemical Vapor Deposition
<b>CW</b>	Continuous Wave
<b>DI-spray</b>	Direct Injection Spray
<b>DLR</b>	Deutsches Zentrum für Luft- und Raumfahrt (German Aerospace Center)
<b>DPIV</b>	Digital Particle Image Velocimetry
<b>DSPIV</b>	Digital Stereo Particle Image Velocimetry
<b>GFM</b>	Gas Flow Monitor
<b>IC</b>	Internal Combustion
<b>ICCD</b>	Intensified Charge Coupled Device
<b>Interrogation Area</b>	also Interrogation window or Interrogation cell; part of an image that is used to calculate particle displacement by means of correlation
<b>IRO</b>	Image Relay Optics
<b>LDA</b>	Laser Doppler Anemometry
<b>LDS</b>	Laser Diagnostic System
<b>LIF</b>	Laser Induced Fluorescence
<b>LIPF</b>	Laser Induced Predissociation Fluorescence
<b>LSV</b>	Laser Speckle Velocimetry
<b>MBE</b>	Molecular Beam Epitaxy
<b>PDA</b>	Phase Doppler Anemometry
<b>PDF</b>	Probability Density Function
<b>Peak-Locking</b>	an effect caused by small particles leading to the tendency of calculations giving integer displacement values
<b>PIV</b>	Particle Image Velocimetry
<b>pixel</b>	Picture Element
<b>PLD</b>	Pulsed Laser Deposition
<b>PSC</b>	Pressure Sensitive Coating
<b>PSP</b>	Pressure Sensitive Paint
<b>PTU</b>	Programmable Timing Unit
<b>PTV</b>	Particle Tracking Velocimetry
<b>QE</b>	Quantum Efficiency
<b>Rheed</b>	Reflective High Energy Electron Diffraction
<b>Scheimpflug</b>	the condition which causes a tilted image plane when imaging at an angle
<b>Seeder</b>	device which places particles, droplets or bubbles into a flow medium
<b>SI</b>	Self Ignition
<b>SMD</b>	Sauter Mean Diameter
<b>SNR</b>	Signal to Noise Ratio
<b>SPM</b>	Surface Pressure Monitor
<b>Vorticity</b>	differential quantity that is often of more interest than the velocity