

HiWi- LABVIEW

“LAB VIEW programming for Spray Particle Characterization”

Time: As early as possible till 25-05-2011

Background:

The Institute of Fluid Mechanics and Aerodynamics has been dealing with years of Interfacial Phenomena. Among them are liquid atomization and the subsequent transport processes understood as sprays. A hollow cone spray nozzle is used to atomize the liquid for the measurement purpose. This work is a part of SPP 1423 project in which Time Shift Technique is being developed for the spray characterization. BSA flow software and LABVIEW programs are correlated with each other for measurement of velocity, drop size, concentration and multiple components inside the high speed spray drops.

Task/Assignment:-

LAB VIEW Programming

Required Skills: LABVIEW programming for high speed digitizers and motion controllers

Duration: 3 Months

Further Information: <http://www.sla.tu-darmstadt.de/mitarbeiter/mitarbeiter.p.ger.php?select=119>



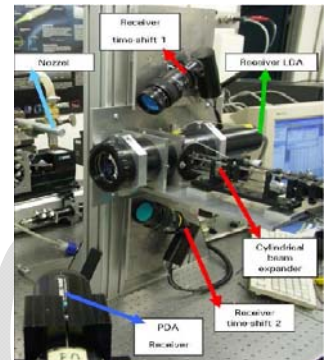
TECHNISCHE
UNIVERSITÄT
DARMSTADT

Fachgebiet Strömungslehre und
Aerodynamik

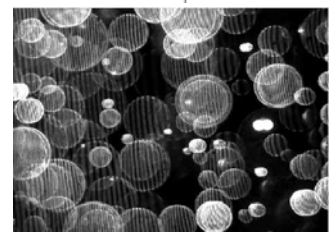
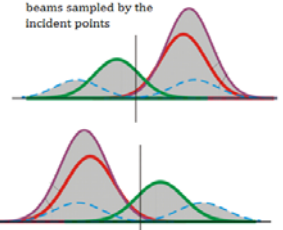


Prof. Dr. - Ing. C. Tropea
Petersonstr.30, Darmstadt, 64287

Arbeitsgeber
Prashant P. Bakshe (M.E.)
Petersonstr. 30, LI/01, 469
☎ +49(0)16 3354



Virtual images of laser beams sampled by the incident points



pbakshe@sla.tu-darmstadt.de

06151 16 3354