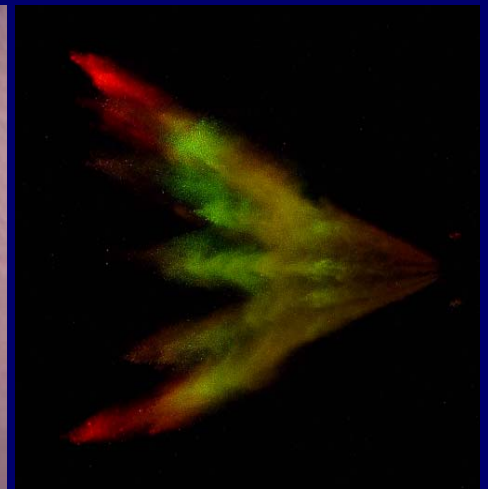
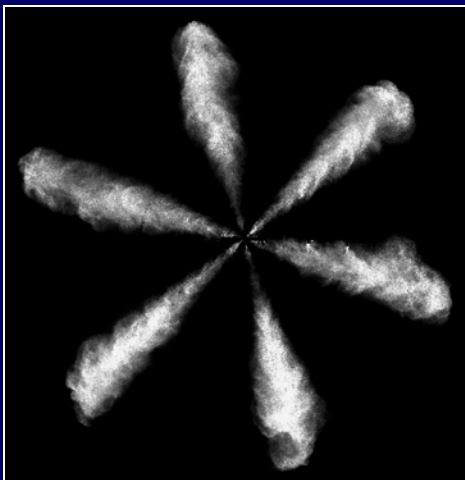
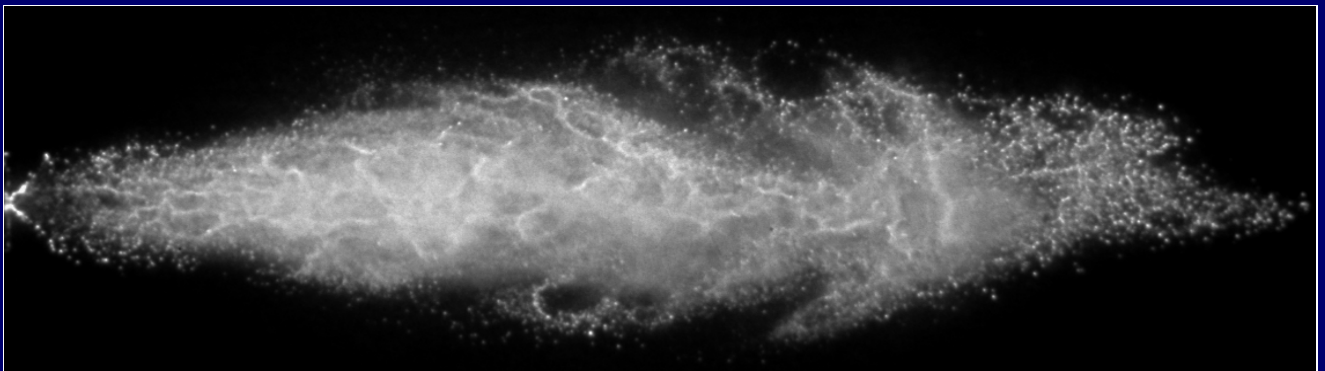


10th International SAOT Workshop on Optical Metrology

"Spray Diagnostics"

October 12-13, 2010
Erlangen, Germany



Workshop Chair:

Prof. Dr.-Ing. Alfred Leipertz (Chair)
Dr.-Ing. Andreas Bräuer (Co-Chair)

Local Organizing Committee:

Dipl.-Ing. Robert Hankel, Ms. Christina Ort

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Preliminary Program

Tuesday, October 12	
08:30	Registration
09:00	Welcome and Opening Remarks <i>Leipertz, Alfred</i>
09:15	<i>Leipertz, Alfred</i> – University Erlangen – Nuremberg, Germany The Erlangen Graduate School in Advanced Optical Technologies (SAOT)
09:35	<i>Wang, Jin and Moon, Seoksu</i> – Argonne National Laboratories, USA “Breakup of diesel and biodiesel jets by ultrafast single-shot x-ray phase-contrast imaging”
10:25	Coffee break
10:50	<i>Linne, Mark</i> - Chalmers University of Technology, Sweden “Ballistic Imaging in Sprays”
11:40	<i>Berrocal, Edouard</i> – Lund University, Sweden “Structured Laser Illumination Planar Imaging”
12:30	Lunch
13:30	<i>Beyrau Frank</i> – Imperial College London, UK “Raman and CARS spectroscopy for gas phase analysis ”
14:20	<i>Grisch, Frederic</i> – Office National d'Etudes et de Recherches Aéronautiques, France “Heat and mass transfer analysis with different LIF techniques”
15:20	Bus transfer
15:30	Lab tour “Institute of Engineering Thermodynamics (LTT)”
16:45	Bus transfer to the hotel

Evening Program (*)	
17:30	Bus transfer to Bamberg
18:15	"The Night Watchman's Call" Guided City Tour through the World Cultural Heritage Site Bamberg
19:30	Dinner in Bamberg
22:30	Bus transfer to Erlangen
	(*) Applications are welcome (only restricted attendance possible)

Wednesday, October 13	
09:00	<i>Meyer, Terrence</i> – Iowa State University, USA “2D drop sizing and vapour distribution by using Fluorescence, Phosphorescence and Mie scattering”
09:35	<i>Leipertz, Alfred</i> – Universität Erlangen-Nuremberg, Germany „2D drop sizing using Mie and Raman scattering”
10:00	<i>Hardalupas, Yannis</i> – Imperial College London, UK „Interferometric laser imaging droplet sizing (ILIDS)”
10:50	Coffee break
11:20	<i>Reid, Jonathan</i> – University of Bristol, UK “Cavity enhanced Raman for droplet composition and size analysis”
12:10	<i>Braeuer, Andreas</i> – University Erlangen-Nuremberg, Germany “Optical techniques to analyze supercritical process sprays for particle generation”
13:00	Lunch
13:50	<i>Wigley, Graham</i> – Loughborough University , UK „A comparison between one and two component velocity and size measurements”
14:40	<i>Fujimoto, Hajime</i> – Doshisha University Kyoto, Japan „Spatial droplet size distribution in a Diesel spray taken by photography with super high resolution”
15:30	End of Workshop



Bamberg



"Spray Diagnostics"

Conference Venue:
Kurssaal I
Cauerstraße 4, 91058 Erlangen

