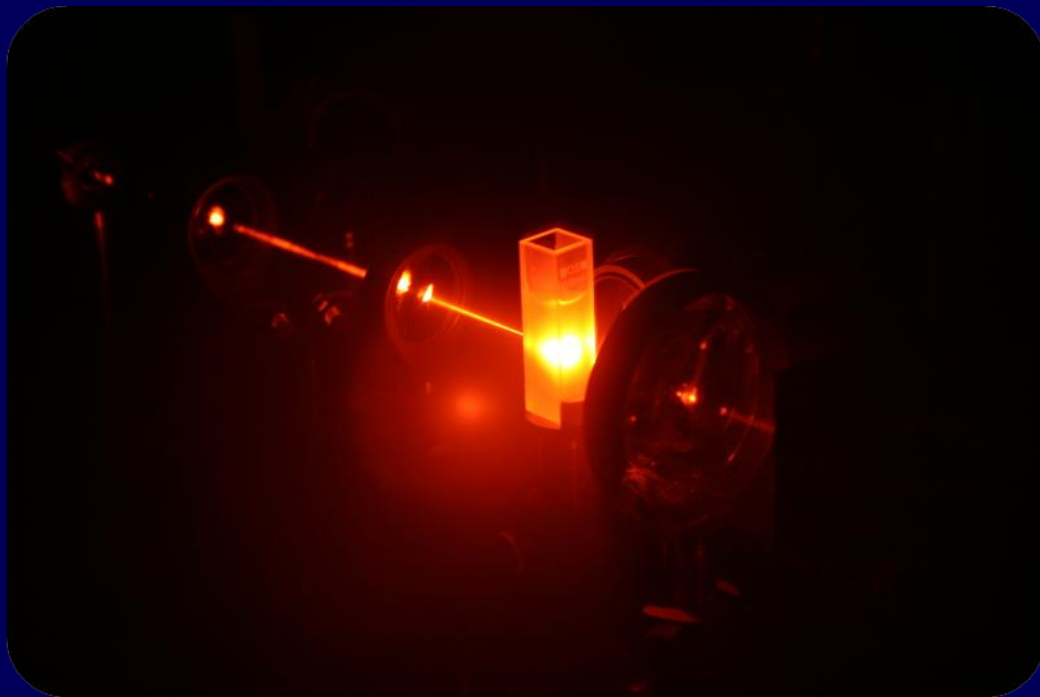


International Workshop on Nonlinear Optics and Interfaces

April 26-27, 2011
Erlangen, Germany



Workshop Chair:

Wolfgang Peukert (University of Erlangen-Nuremberg, Germany)
Sylvie Roke (Max Planck Institute for Metals Research, Germany)

Local Organizing Committee:

Benedikt Schürer
Christina Ort
Susana Kress

Preliminary Program

Tuesday, April 26 – Workshop Program	
08:30	Registration
08:50	<i>Wolfgang Peukert and Sylvie Roke</i> Welcome address and general information
09:10	<i><u>Kenneth B. Eisenthal</u> – Columbia University, United States</i> Molecules and nanoparticles at aqueous interfaces (Keynote lecture)
10:00	Coffee break (30 min)
10:30	<i><u>Dana D. Dlott</u> – University of Illinois, United States</i> Heat and electrons at interfaces
11:10	<i><u>Björn Braunschweig</u> – University of Erlangen-Nuremberg, Germany</i> Nonlinear spectroscopy of electrified interfaces
11:40	Lunch (60min)
12:40	Poster session (60 min)
13:40	<i><u>Martti Kauranen</u> – Tampere University of Technology, Finland</i> Second-order nonlinear optics of nanoscale metals
14:20	<i><u>Markus B. Raschke</u> – University of Colorado at Boulder, United States</i> Spatio-temporal control of optical fields on the nanoscale
15:00	Coffee break (30 min)
15:30	<i><u>Manfred Fiebig</u> – University of Bonn, Germany</i> Investigation of strong bulk and interface correlations by nonlinear optics
16:10 -16:50	<i><u>Steven Baldelli</u> – University of Houston, United States</i> Sum frequency imaging of surfaces
17:00	Lab Tour at the Institute of Particle Technology (LFG)
18:00	Transfer to the hotel

Tuesday, April 26 - Evening Program	
19:30 - 22:30	Conference Dinner in Erlangen (for invited speakers and registered persons)

Wednesday, April 27 – Workshop Program	
08:50	<i>Wolfgang Peukert</i> Opening remarks
09:00	<u><i>Jerry I. Dadap</i></u> – <i>Columbia University, United States</i> Principles of nonlinear optical scattering from small particles
09:40	<u><i>Sylvie Roke</i></u> – <i>Max Planck Institute for Metals Research, Germany</i> Nanodroplets in water
10:20	Coffee break (30 min)
10:50	<u><i>Pierre Francois Brevet</i></u> – <i>Universite Claude Bernard Lyon 1, France</i> Second harmonic generation from small metallic particles
11:30	<u><i>Benedikt Schuerer and Sarina Wunderlich</i></u> – <i>University of Erlangen-Nuremberg</i> Second harmonic scattering from colloidal particles
12:00	Lunch (50 min)
12:50	Poster session (50 min)
13:40	<u><i>Garth J. Simpson</i></u> – <i>Purdue University, United States</i> Probing organic crystallogenesi s by second harmonic generation imaging
14:20	<u><i>Patrick Koelsch</i></u> – <i>University of Heidelberg, Germany</i> In situ characterization of biointerfaces: from thin films to living cells.
15:00	Coffee break (30 min)
15:30	<u><i>Dor Ben-Amotz</i></u> – <i>Purdue University, United States</i> Vibrational spectroscopy of water at molecular hydrophobic interfaces
16:10	<u><i>Oliver Friedrich</i></u> – <i>University of Erlangen-Nuremberg, Germany</i> Second harmonic generation microscopy with biomolecules
16:50	<i>Wolfgang Peukert and Sylvie Roke</i> Concluding remarks
	End of workshop
17:00	Transfer to the hotel

Venue:

Hans-Georg Waeber Hall
Fraunhofer IISB
Schottkystr. 10,
D-91058 Erlangen
Germany

