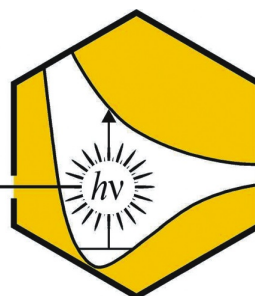




GESELLSCHAFT  
DEUTSCHER CHEMIKER

Fachgruppe  
Photochemie



23<sup>rd</sup> Lecture  
Conference on  
Photochemistry  
October 8 - 10, 2012  
in Potsdam



Picture on cover page: Neues Palais, Potsdam  
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# 1 Organization

## 1.1 General Information

### Scientific Committee

Luisa de Cola  
Martin Goez  
Hans-Gerd Löhmannsröben  
Heinz Muströph  
Werner Nau  
Sven Rau

### Local Committee

Hans-Gerd Löhmannsröben  
Michael U. Kumke  
Sascha Eidner

### Information on Abstracts and Registration

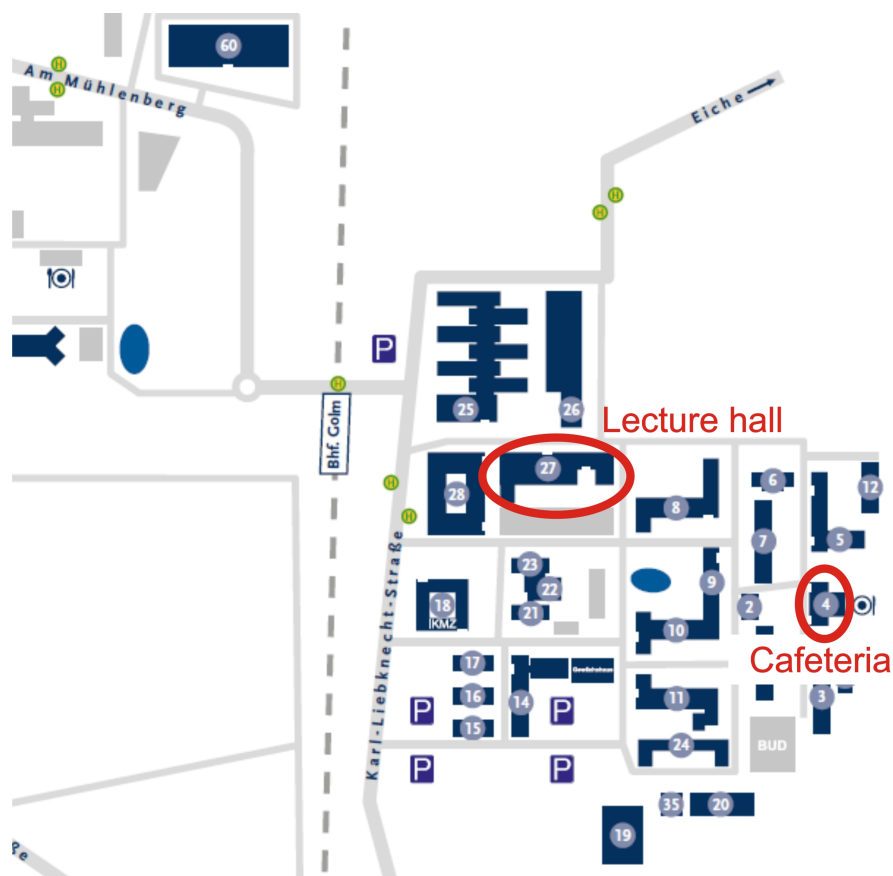
GDCh Conference Service  
Claudia Birkner  
Phone: +49 (0)69 7917 366  
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E-mail: tg@gdch.de

### Conference Address

University of Potsdam  
Institute of Chemistry  
(Physical Chemistry)  
Campus Golm, Haus 27  
Karl-Liebknecht-Str. 24-25  
14476 Potsdam, Germany

## 1.2 Travel Information

### Layout Plan



### Public transportation

Near to the conference venue is a train station “Potsdam Golm“, which is a regular stop of the RE1 (to and from Berlin main station), RB20 (to and from Potsdam main station) and RB21 (ply between between Berlin main station and Potsdam main station). Another possibility is to take the S-Bahn from Berlin to Potsdam main station and subsequently going by bus (605 – direction “Wissenschaftspark Golm” or 606 “Alt-Golm”).

### By car

Take the autobahn A10 and leave at Potsdam-Nord (exit 25) or at Leest (exit 24). Afterwards following directional signs to Golm or “Wissenschaftspark Golm”. The complex Golm is located opposite to the train station “Potsdam Golm”, Karl-Liebknecht-Straße 24-25.

## 2 Exhibitors

We kindly thank the following exhibitors

- ATTO-TEC GmbH
- Becker & Hickl GmbH
- Colibri Photonics GmbH
- Fraunhofer Institut für angewandte Polymerforschung (IAP)
- GWU-Lasertechnik Vertriebsges. mbH
- Hamamatsu Photonics Deutschland GmbH
- HORIBA Jobin Yvon GmbH
- Menlo Systems GmbH
- Nanosurf GmbH
- Optikexpertisen Dr. Volker Raab
- OPTIMARE Analytik GmbH & Co. KG
- PerkinElmer LAS (Germany) GmbH
- Photonik BB, JP-ProteQ
- TOPAG Lasertechnik GmbH





# 3 Program (Updated on 27/9/2012)

Monday, October 8<sup>th</sup>, 2012

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13:00	Opening remarks	
13:10	“Fluorescent sensors and logic gates”	A.P. de Silva 20
14:00	“Anion recognition in organic and aqueous media using artificial receptors”	E. Kataev 21
14:20	“9-Arylbenzo[b]quinolizinium derivatives as multi-color chemosensors”	H. Ihmels 22
14:40	“Fluorescence dye dyads for single molecule super-resolution microscopy”	D. Wöll 23
15:00	“Absolute fluorometry in the life and material sciences: characterization of fluorescent particles and new quantum yield standards”	U. Resch-Genger 24
15:20	“Quantum Dots as versatile biosensors for FRET-based multiplexed diagnostics”	N. Hildebrandt 25
15:40	Coffee break	
16:10	“Optical chemical sensing and imaging”	R.J. Meier 26
17:00	“Photophysics of photoacids based on pyrene”	C. Spies 27
17:20	“Strongly fluorescent switchable perylene-bisdiimide (PDI) host-guest complexes with cucurbit[8]uril in water”	F. Biedermann 28
17:40	“Influence of solvents on the ground and excited states properties of 2-(1-Naphthyl)acetamide and 2-Naphthoxyacetic acid	E. Sousa da Silva 29
18:00	“Influence of donor-acceptor-distance on photoinduced PCET”	O. Wenger 30
18:20	“Flavin acts as a red light sensor in an animal-like cryptochrome”	T. Kottke 31
18:40	“Photochromic Switching of a Spiropyran-Cucurbit[7]uril Supramolecular Complex”	U. Pischel 32
19:00	Poster session and refreshments	

**Tuesday, October 9<sup>th</sup>, 2012**

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9:20	“Amplification of optical signals as result of molecular photoreactions by thermotropic self-organisation and phase separation”	J. Stumpe	34
9:40	“Structural control of photoinduced dynamics in 4H-imidazole ruthenium complexes”	M. Wächtler	35
10:00	“Photolithography and fueling of molecular rotors with singlet oxygen”	T. Linker	36
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10:40	Coffee break		
11:00	“Control of hydrogen bonding towards optical functionalization”	K.-I. Sakai	38
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14:00	“Photochemistry of organic compounds on ice and snow surfaces”	P. Klán	42
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15:30	“Solving an anomaly of the resonance Raman spectrum of $\beta$ -carotene with Duschinsky rotation”	S. Banerjee	45
15:50	Coffee break		
16:20	“Robust and sensitive FRET-systems involving Ru-complexes”	W. Bannwarth	46
17:10	Förster award lecture “Using Organic Photochemistry to Make Nanoparticles and Nanoparticles to Direct Organic Chemistry”	J.C. Scaiano	47

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18:00 General Meeting of the Division of Photochemistry,  
lecture hall

20:00 Conference dinner at “Drachenhaus”, Maulbeerallee 4a, 14469 Potsdam

### Wednesday, October 10<sup>th</sup>, 2012

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