

Programme

Sunday, March 1, 1998

14:00 - 19:00 Registration
19:30 - 20:30 Dinner

Monday, March 2, 1998

8:20 - 8:30 Opening of the Symposium

Morning Session

Chairman: F. Scandola

Lecture

8:30 - 9:00 S. Monti, S. Sortino, S. Encinas, G. Marconi, G. De Guidi,
M. A. Miranda (Bologna, Catania, Valencia) L-01

Photodecarboxylation in Aryl Propionic Acids
Containing a Benzophenone-Like Chromophore

9:00 - 9:30 H. K. Biesalski, J. Conrad, P. I. Francz (Stuttgart) L-02

Modification of UV-induced Gene Expression by Carotenoids

9:30 - 10:00 M. G. Müller, I. Martin, A. R. Holzwarth, W. Schlamann,
S. Braslavsky, K. Schaffner (Mülheim) L-03

Femtosecond Absorption Spectroscopy of the P_r and P_{fr}
Form of Phytochrome

10:00 - 10:30 Coffee Break

10:30 - 11:00 T. Gensch, K. J. Hellingwerf, S. E. Braslavsky, K. Schaffner
(Mülheim, Amsterdam) L-04

Time-Resolved Protein Movements and Enthalpy Changes
in Photoreceptors studied by Photobaric Methods

11:00 - 11:30 G. Köhler, G. Grabner, K. Rechthaler (Wien) L-05

Photophysical Studies of Electron Transfer Systems
in Homogeneous and Organized Media

11:30 - 12:00 U.-W. Grummt, E. Birckner, E. Klemm, M. Al Higari,
D. Egbe (Jena) L-06

Fluorescence of Conjugated Metal-Chelating Oligomers

Afternoon Session

Chairman: I. Mattay

17:00 - 17:30 A. Albini, G. Bettinetti, G. Minoli (Pavia) L-07

Reactivity of Singlet and Triplet Nitrenes: Temperature-
Dependent Photodecomposition of 1-(2-Azidophenyl)-
3,5-dimethylpyrazole and Derivatives

17:30 - 18:00 D. Döpp, W.A.F. Mostafa, G. Henkel (Duisburg) L-08

Neat Aliphatic Amines as a Medium for Photoreduction:
Efficient Photoconversion of some π -deficient Aza-Heterocycles
in Triethylamine

18:00 - 18:30 T. Bach, J. Schröder, F. Eilers, H. Brummerhop (Marburg) L-09

Synthesis and Application of 3-Heteroatom-Substituted Oxetanes

18:30 - 19:00 A.G. Griesbeck, J. Hirt, W. Kramer, M. Oelgemöller,
F. Nerowski (Köln) L-10

Modification of Amino Acids via Photoinduced Electron
Transfer Reactions

19:30 - 20:30 Dinner

21:00 - Poster Session

Tuesday, March 3, 1998

Morning Session

Chairman: L. De Cola

8:30 - 9:00 H. Hennig (Leipzig) L-11

Photochemistry of d^8 Transition Metal Azido Complexes

9:00 - 9:30 B. Ventura, N. Armaroli, F. Barigelletti, L. Flamigni . L-12
J.A. G. Williams, J.-P. Sauvage, J.-P. Collin (Bologna, Straßbourg)

Photoinduced Processes in Supramolecular Structures Containing Porphyrins and Polypyridine-Ru(II) Complexes

9:30 -10:00 A. Vogler, H. Kunkely (Regensburg) L-13

Photoreactivity of Transition Metal Complexes:
Ligand-to-Metal Charge Transfer Excitation Involving Acceptor Metals with d^0 and d^{10} Electron Configurations

10:00 - 10:30 Coffee Break

10:30 - 11:00 H. Yersin, W. Humbs (Regensburg) L-14

Spectroscopic Fingerprints of Electronic Localization/
Delocalization in Excited States of Molecules

11:00 -11:30 A. Credi, K. E. Gunde, D. H. Metcalf, F. S. Richardson L-15
P. Belser (Bologna, Virginia, Fribourg)

Enantioselective Luminescence Quenching
between Metal Complexes

11:30 - 12:00 C. Chiorboli, C. A. Bigozzi, F. Scandola, A. Gourdon, L-16
E. Ishow (Ferrara)

Photophysics of Polynuclear Ru(II) and Os(II) Complexes
based on TPPHZ Bridges

Afternoon Session

Chairman: A. Holzwarth

17:00 - 17:30 F. Cichos, A. Willert, R. Brown, U. Rempel, L-17
C. von Borczyskowski (Chemnitz, Talence)

Solvation Dynamics of Coumarin 153 in Mixtures of Alkanes
and Alcohols

		Lecture
17:30 - 18:00	<u>J. Keck</u> , H.E.A. Kramer (Stuttgart)	L-18
	Deactivation Processes of Intramolecularly Hydrogen Bridged UV Absorbers of the Benzotriazole and 1,3,5-Triazine Class	
18:00 - 18:30	S. Schneider (Erlangen)	L-19
	The Influence of Solvent Viscosity on Large Amplitude Motions Investigated by Fluorescence Spectroscopy at High Pressure	
18:30 - 19:00	K.A. Zachariasse (Göttingen)	L-20
	Intramolecular Charge Transfer and Internal Conversion	
19:30 - 20:30	Dinner	

Wednesday, March 4, 1998

Morning Session

Chairman: G. Grabner

8:30 - 9:00	<u>G. Kaupp</u> , M. Haak, A. Herrmann (Oldenburg)	L-21
	Scanning Near-Field Optical Microscopy: a Genuine Photochemical Technique	
9:00 - 9:30	J. Mattay (Kiel)	L-22
	Radical Ionic Cyclizations Control of Regioselectivity and Synthetic Applications	
9:30 - 10:00	<u>H.-G. Löhmannsröben</u> , T. Skrivanek, U. Zimmermann (Erlangen)	L-23
	Laser Spectroscopy of Polycyclic Aromatic Compounds (PAC) and their Interactions with Humic Substances	
10:00 - 10:30	Coffee Break	

Lecture

10:30 - 11:00 H.-J. Deyerl, T. Gilbert, I. Fischer, P. Chen (Zürich) L-24

Kinetics and Dynamics of the Photodissociation of the Allyl Radical

11:00 - 11:30 L. Dähne, E. Biller (Berlin) L-25

Spectroscopic Properties of Strongly Absorbing Dye Solids

11:30 - 12:00 T. Gensch, J. van Stam, J. Hofkens, K. Tsuda, S. Creutz, R. Jerome, H. Masuhara, F. De Schryver (Heverlee, Liège, Osaka) L-26

Optical Trapping of Block Copolymer Micelles in Aqueous Solution -
A Space and Time-resolved Transmission and Fluorescence
Microscopy Study

Afternoon Session

Chairman: U. Mazzucato

17:00 - 17:30 K.H. Drexhage, E. Horstkotte, N.-J. Marx (Siegen) L-27

Dye Bleaching as Basis of a Simple Color Imaging Process

17:30 - 18:00 H. Görner (Mülheim) L-28

Photoprocesses in Spiroyrans and their Merocyanine Isomers

18:00 - 18:30 J. Ern, A. Bens, A. Bock, H.-D. Martin, C. Kryschi (Düsseldorf) L-29

Femtosecond Transient Absorption Studies on the Photochromism
of Dithienylethene Derivatives

18:30 - 19:00 B. Schlicke, L. De Cola, E. Sabbioni, V. Balzani (Bologna) L-30

Photoinduced Processes in Supramolecular Species Containing
Two Chromophoric Units Linked by Conjugated Spacers

19:30 - 20:30 Dinner

21:00 - Poster Session

Thursday, March 5, 1998

Morning Session	Chairman: H. Kisch	Lecture
8:30 - 9:00	I. R. Bellobono (Milano)	L-31
	Recent Developments in Environmental Applications of Photocatalytic Membranes	
9:00 - 9:30	R. Bauer (Wien)	L-32
	Advanced Oxidation Processes for Wastewater Treatment	
9:30 - 10:00	<u>G. Grampp</u> , M. Sacher (Graz)	L-33
	Magnetic Field Affected Luminescence of p-Phenylenediamine Derivatives in Solution	
10:00 - 10:30	Coffee Break	
10:30 - 11:00	<u>D. Velic</u> , A. Hotzel, M. Wolf, G. Ertl (Berlin)	L-34
	Electron Dynamics of C ₆ H ₆ /Cu{111}: Dependence of Electronic Lifetimes on Adsorption Geometry	
11:00 - 11:30	<u>L. Spanhel</u> , G. Müller (Würzburg)	L-35
	Colloidal Synthesis of Nanocrystalline II-VI-Semiconductor Layers for Stimulated VIS/NIR-Emission and Electroluminescence Investigations	
11:30 - 12:00	<u>G. Hörner</u> , H. Kisch (Erlangen)	L-36
	Heterogeneous Photocatalysis - On the Role of Adsorption and Diffusion in C-C Coupling Reactions	
12:00	Closing of the Symposium	