Journal of Fluorescence, Vol. 1, No. 1, 1991

Announcement

2nd Conference on
METHODS AND APPLICATIONS
OF FLUORESCENCE SPECTROSCOPY

Hotel Europa, Graz (Austria), 15 - 17 October 1991

Topics:

(A) Methods

(A1) Time-resolved Spectrometry
(A2) Multi-dimensional Luminesc. Spectrosc.
(A3) Fiberoptical Methods
(A4) Energy Transfer / (De)polarization
(A5) Luminescence Quenching
(A6) Fluorescent Labels and Probes
(A7) Derivatisation
(A8) Bio- and Chemiluminescence
(A9) Thermoluminesccence
(A10) Phosphorescence
(A11) Microfluorometry
(A12) TIRF- und Evanescent Wave Methods

(B) Applications

(B1) Luminescence Analysis
(B2) Membrane Studies
(B3) Protein Studies
(B4) Pharmaceutical Analysis
(B5) Clinical Analysis
(B6) Chromatography
(B7) Fluorescence Immunoassay
(B8) Diagnosis
(B9) Fluorescence Microscopy
(B10) Fluorescence Activated Cell Sorting
(B11) DNA Studies and DNA Sequencing
(B12) Polymer Studies
(B13) Fluoresc. in Flow Injection Analysis
(B14) Hydrological and Environm. Appl.

Preliminary Programme (5 sessions on New Methods, New Applications, Immunoassay, Analytical Fluorometry, Fluorescence in Biomedical Sciences):

W. Rettig (TU Berlin, FRG) Fluorescence spectroscopy using synchrotron radiation
R. Rigler (Karolinska Institut, Uppsala, Sweden) Picosecond time domain fluorescence spectroscopy of structure and dynamics in nucleic acids.
H. Schneckenburger (Institut für Lasertechnol., Ulm, FRG) Fluorescence in forest decline studies.
C. D. MacKay (Innovation Centre, Cambridge, UK) Fast optical imaging techniques.
D. Ölkrug (University of Tübingen, FRG) Fluorescence spectroscopy on light scattering materials.
B. Schaffar (AVL/GBF, Graz/Braunschweig) Fluorescence spectroscopy through optical fibres.
H. Möhwald (University of Mainz, FRG) Fluorescence microscopy of Langmuir-Blodgett films.
H. Winnik (University of Toronto, Canada) Fluorescence studies on synthetic polymers.
S. G. Schulman (University of Florida, Gainesville, FL) Principles of fluorescence immunoassay.
I. A. Hemmilä (Wallac Biochemical, Turku, Finland) Progress in delayed fluorescence immunoassay.
Ch. Klein (Boehringer Mannkheim, Tutzing, FRG) Fluorescence polarization immunoassay.
E. Jansen (Natl. Inst. Public Health, Bilthoven, NL) Chemiluminescence immunoassay.
T. Vo-Dinh (Oak Ridge Natl. Lab., TN, USA) Fiber optic immunoassay.
J. N. Miller (Uiversity of Loughborough, UK) Analytical applications of semiconductor laser fluorometry.
M. Valcarcel (University of Sevilla, Spain) Fluorescence detection in flow injection analysis.
M. Goldberg (University of Colorado) Fluorescence in environmental and hydrological sciences.
P. K. J. Kinnunen (KSV Labs, Helsinki, SF) Fluorescent lipid probes and their applications.
A. Hermetter (University of Graz, Austria) Phase fluorometry and its applications to lipid ether probes.
A. J. W. G. Visser (Dept. Biochemistry, Wagenen University, NL) Time resolved fluorescence of proteins.
I. Slavik (Academy of Sci., Prague, CSFR) Optical detection of intracellular ion concentrations.
W. N. Ross (Dpt. Physiology, NY Medical College, N. Y.) Optical measurement of calcium transients.

Further information and application forms available from

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