

Day by Day Program

Plenary Session

June 12 (Mon)

9:00-9:30

Opening Ceremony

PL-1 9:30-10:30

Chair : Dr. Frank McDonald, Emory University, USA



Dieter Seebach

*Laboratorium für Organische Chemie
ETH Hönggerberg, Zürich, Switzerland*

The Power of Organic Synthesis for Bioorganic and Biomedical Investigations

IL-1 10:30-11:00



David Hodgson

*Department of Chemistry
University of Oxford, United Kingdom*

Widening the Usefulness of Epoxides and Aziridines in Synthesis

11:00-11:30

Coffee Break

IL-2 11:30-12:00

Chair : Dr. Martín Iglesias, UNAM, México



Margaret Brimble

*Department of Chemistry
University of Auckland, New Zealand*

Synthetic Studies Towards Shellfish Toxins Containing Spiroacetal Units

IL-3 12:00-12:30



Tohru Fukuyama

*Graduate School of Pharmaceutical Sciences
University of Tokyo, Japan*

Synthetic Studies on Heterocyclic Natural Products

PL-2 12:30-13:30



Luiz Carlos Dias

*Instituto de Química-UNICAMP
Campinas, SP, Brazil*

High 1,5-Asymmetric Induction in the Addition of Chiral
Boron Enolates of Methyl Ketones to Chiral Aldehydes.
Recent Progress in the Total Synthesis of Natural Products

Plenary Session

June 13 (Tue)

PL-3 9:00-10:00

Chair : Dr. Alfredo Vázquez, UNAM, México



Eric N. Jacobsen

Harvard University, USA

A Search for Selective yet General Catalysts

IL-4 10:00-10:30



Cathleen M. Crudden

Queen's University, Canada

Mesoporous molecular sieves as Pd-scavengers and leach-proof catalysts for the Suzuki-Miyaura reaction

IL-5 10:30-11:00



Gregory C. Fu

Department of Chemistry

Massachusetts Institute of Technology, USA

Recent Advances in Palladium- and Nickel-Catalyzed Coupling Reactions

11:00-11:30

Coffee Break

IL-6 11:30-12:00

Chair : Dr. Cecilia Anaya, Universidad de las Américas, México.



Cesare Gennari

*Dipartimento di Chimica Organica e Industriale,
Università degli Studi di Milano, Italy*

Natural products with taxol-like anti-tumour activity: synthetic approaches to eleutherobin and dictyostatin

IL-7 12:00-12:30



Carmen Nájera

Departamento de Química Orgánica, Facultad de Ciencias e Instituto de Síntesis Orgánica, Universidad de Alicante, Spain

Enantioenriched cyanohydrin *O*-phosphates: synthesis and applications as chiral building blocks

PL-4 12:30-13:30

Chair : Dr. Victor Snieckus, Queen's University, Canada



David W. C. MacMillan

California Institute of Technology, USA

New Catalysis Concepts of Broad Utility to Chemical Synthesis

**Recipient of the Thieme-IUPAC Prize 2006
Sponsored by Thieme Chemistry**

Plenary Session

June 14 (Wed)

PL-5 9:00-10:00

Chair : Dr. Rosa Santillan, Cinvestav, México



Joaquín Tamariz

Escuela Nacional de Ciencias Biológicas, México

Conjugate Systems in the Construction of Heterocycles and Quaternary Stereocenters

IL-8 10:00-10:30



Régis Réau

*Institut de Chimie de Rennes
CNRS-Université Rennes 1, France*

Functional Phosphorus-based pi-Conjugated Materials: Structural Diversity without Multi-step Synthesis

IL-9 10:30-11:00



Eun Lee

*Department of Chemistry
Seoul National University, Korea*

Oxacycle Synthesis via Radical Cyclization

11:00-11:30

Coffee Break

IL-10 11:30-12:00

Chair : M. C. José Manuel Méndez, UNAM, México



Carsten Bolm

*Institut für Organische Chemie
RWTH-Aachen, Germany*

Chiral catalysts for asymmetric synthesis

PL-6 12:00-13:00



Stephen F. Martin

*Department of Chemistry and Biochemistry
University of Texas, Austin, USA*

Preorganization in Biological Systems: Are Conformational Constraints Really Worth the Energy?

Plenary Session

June 15 (Thu)

PL-7 9:00-10:00

Chair : Dr. Eduardo Peña-Cabrera, Universidad de Guanajuato, México



Shu Kobayashi

*Graduate School of Pharmaceutical Sciences
The University of Tokyo, Japan*

Toward Truly Efficient and Powerful Organic Synthesis

IL-11 10:00-10:30



Miguel A. García-Garibay

*Department of Chemistry and Biochemistry
University of California, USA*

Stereospecific Formation of Adjacent Quaternary Stereogenic Centers by Photoinduced Decarbonylation of Crystalline Ketones

IL-12 10:30-11:00



Minoru Isobe

*Laboratory of Organic Chemistry, Graduate School of
Bioagricultural Sciences, Nagoya University, Japan*

Synthetic Studies toward Ciguatoxin, a Marine Polyether

11:00-11:30

Coffee Break

IL-13 11:30-12:00

Chair : Dr. Jesús Sandoval, BUAP, México



Shengming Ma

*Department of Chemistry, Zhejiang University and
Shanghai Institute of Organic Chemistry, Chinese
Academy of Sciences, China*

Control of Regio- and Stereoselectivity in Electrophilic Addition Reactions of Allenes

IL-14 12:00-12:30



Philippe Rénaud

*Department of Chemistry and Biochemistry
University of Berne, Switzerland*

Boron: A Key Element in Radical Reactions

PL-7 12:30-13:30



Paul Knochel

*Department Chemie, Ludwig-Maximilians-Universität
Germany*

Synthesis and Reactivity of Functionalized Zinc and Magnesium
Organometallics