

Invited Lectures at Conferences

1977

"Les Carbanions en Synthèse Organique"

Colloque du CNRS sur les carbanions (Pont-à-Mousson, France).

"Synthèse et Réactivité de Carbanions α -Séliés"

Symposium sur les carbanions, Société Chimique de France (Rennes, France).

"Selenoalkyllithiums as Building Blocks in Organic Synthesis"

Symposium on Organic Synthesis of the Royal Chemical Society, Oxford University (Oxford, U.K.).

1978

" α -Selenoalkyllithiums and Mixed α -Silyl α -Selenoalkyllithiums as Building Blocks in Organic Synthesis"

12th Middle Atlantic Regional Meeting, American Chemical Society (Baltimore, U.S.A.).

"Reactions in the Field of Small Heterocycles"

4th Symposium on Heterocyclic Chemistry (Louvain-La-Neuve, Belgium).

1979

" α -Selenoalkyllithiums : Valuable Building Blocks in Organic Synthesis"

Symposium on Organic Selenium and Tellurium Compounds (Metz, France).

"On The Mechanism of Sterol Biosynthesis "

Bio-organic Symposium (Prof. Cornforth, Gengenog, U.K.).

1980

"Organometallics in Organic Synthesis"

Summer School on Organo Metallics, Chemical Society (Swansea, U.K.).

Journées d'étude en Chimie Organique Carry-le-Rouet (France).

Assemblée générale annuelle de la Société Chimique de France, Bordeaux (France).

1981

"Selenium in Organic Chemistry"

Euchem Stereochemistry Conference (Burgenstock, Switzerland).

"Regio and Stereospecific Synthesis of Chrysanthemic Ester"

28th Congres IUPAC (Vancouver, Canada).

1982

" β -Hydroxyselenides : Valuable Reagents in Organic Synthesis"
National Meeting of the Dutch Chemical Society on Metal-Organic Compounds in Organic Synthesis (Wageningen, the Netherlands).

"Original Solutions to Synthetic Problems"
Euchem conference on organic synthesis (Louvain-la-Neuve, Belgium).

1983

"New Aspects of the Chemistry of Small Ring Compounds"
66th Chemical Congress of the Canadian Chemical Society (Calgary, Canada).

1984

" α -Selenoalkyllithiums in Organic Synthesis"
Summer School on Organometallics, Chemical Society (Swansea, U.K.).

"Novel Synthetic Reactions Involving α -Heterosubstituted Organometallics"
Advances in Methods of Organic Syntheses (Varsovie, Poland).

"New Routes to gem-Dialkyl Cyclopropane Carboxylic Acids. Applications to the Synthesis of Chrysanthemic Acids"
5th International Conferences on Organic Synthesis, IUPAC (Freiburg, F.R.G.).

"Utilisation des Organométalliques Hétérosubstitués en Synthèse Organique,
a) Application à la Synthèse d'Acides Chrysanthémiques
b) Application à la Chimie des Dérivés Organoséléniés"
4ème colloque de la Région (Mulhouse, France).

"Synthèse de Tétrahétérofulvalènes : Stratégie et Pratique"
Ecole d'Eté sur les Matériaux Moléculaires à Basse Dimensionnalité: Systèmes Conducteurs et Magnétiques (Alençon, France).

"Synthèse de Thioxo-2 dithiol-1,3 et Dérivés Apparentés : Utilisation pour la Synthèse de Tétrahétérofulvalènes"
Ecole d'Eté sur les Matériaux Moléculaires à Basse Dimensionnalité: Systèmes Conducteurs et Magnétiques (Alençon, France).

"On the Mechanism of Sterol Biosynthesis"
Congres van de Vlaamse Chemische Vereniging (Gent, Belgium).

1985

"Novel Synthetic Reactions Involving Organoselenium Compounds"
3rd International Conference on Chemistry and Biotechnology (Sofia, Bulgaria).

1986

"Organoselenium Reagents : Powerful Tools in Organic Synthesis"

- Ischia School of Advanced Organic Chemistry (Ischia, Italy).
- 1st Nozaki Conference (Okayama, Japan).

"Benzylolithiums : Synthesis and Synthetic Application"

Contact group FNRS (De Haan, Belgium).

1987

"Original Synthesis of Arylcycloalkanes"

- IUPAC Conference on Natural Products Synthetors (Sofia, Bulgaria).
- ESOC V Conference (Jerusalem, Israel).

"Original Synthetic Approaches to Chrysanthemic Acid, Constituent of the Most Potent Insecticides"

1st Princess Congress (Bangkok, Thailand).

1988

"Trip Around The Three Membered Cycle Synthesis"

NATO Meeting (Hamburg, F.R.G.).

"Synthèse et Utilisation de Benzylolithiens"

Réunion de la Division Parisienne de la Société Chimique de France (Paris, France).

1989

"Original Syntheses of Molecules Containing Adjacent Quaternary Carbons"

International Conference on Heteroatom Chemistry : ICHAC-2 (Albany, U.S.A.).

1990

- "Original Syntheses of Molecules Containing Adjacent Quaternary Carbons"
4th International Symposium on Natural Products : Pakistan-US Meeting (Karachi, Pakistan).
- "From Grape to Grape : Novel Stereoselective Synthesis of Chiral Pyrethroids : the Most Potent Commercially Available Insecticides"
IUPAC Conference on Natural Products (New Delhi, India).
- "Synthesis of Biologically Active Compounds from Benzylolithiums"
post-IUPAC Conference (Bangalore, India).
- "Novel Stereoselective Synthesis of Pyrethroids and Mapping of their Biologically Active Site"
Third Belgian Organic Synthesis Symposium (Louvain-la-Neuve, Belgium).

1992

- "Novel Stereoselective Synthesis of Chiral Pyrethroid Insecticides"
Fifth International Symposium and Pakistan-US Binational Workshop on Natural Product Chemistry (Karachi, Pakistan).

1993

- "Synthesis of Pyrethroid Acids : Strategy and Practice"
Fine Chemicals and Pesticides Groups of the SCI (London, U.K.).
- "Synthèses Stéréosélectives d'Acides Pyréthroïques Optiquement Purs"
- Société Chimique de France, Journée de la Division de Chimie Organique (Paris, France).
- Société Chimique de France, Journée de Printemps de la Division de Chimie Organique de la Section de Lyon (Lyon, France).
- "Stereoselective Syntheses of Aryl Cycloalkanes from Aromatic Aldehydes and Ketones"
The Royal Society of Chemistry, 1993 Autumn Meeting (Warwick, U.K.).
- "On the Mechanism of the Cyclisation of 2,3-Oxidosqualene by Pig Liver Sterol Cyclase"
Seventh Fechem Conference on Heterocycles In Bio-Organic Chemistry (Santiago de Compostela, Spain).

1994

- "Stereoselective Syntheses of Aryl Cycloalkanes from Aromatic Aldehydes and Ketones"
FACS IV (New Orleans, U.S.A.).

"Novel Stereoselective Syntheses of Vinyl Cyclopropane Carboxylic Esters"
New Horizons in Organic Synthesis, Post-IUPAC conferences (Trivandrum, India).

1995

"Novel Synthesis of Cyclopropane Derivatives"
Congrès VIEHE (Louvain-la-Neuve, Belgium).

"Novel Stereoselective Syntheses of Vinyl Cyclopropane Carboxylic Esters via Three Components Reactions"
OMCOS-8 Symposium (Santa Barbara, U.S.A.)

"Benzyllithiums : Synthesis, Reactivity and Applications in Organic Synthesis"
ISCC-4 Symposium (Fort Collins, U.S.A.)

1997

"Stereoselective Syntheses of Vinyl Cyclopropane Carboxylic Esters by Cyclization of Allylstannanes "
7th International Symposium on Natural Product Chemistry (Karachi, Pakistan)

1998

"Synthesis of Organolithiums from Selenides : Stereochemical and Synthetic Aspects"
1st International Symposium on the Reactive Species of Chalcogen Compounds
(Tsuchiura, Japan, August 23-26, 1998).

"Synthèses Divergentes"
SFC1998 de la Société Française de Chimie (Palaiseau, France, September 15-17
September 1998).

" Vinyl Cyclopropane Carboxylic Acids : Synthetic Strategies and Syntheses : Application to the Synthesis of Pyrethroid Acids" (Sevilla, Spain 5-8 November 1998).

1999

" From Biochemistry to Asymmetric Dihydroxylation of Olefins " (Louvain la Neuve, first Belgo-Taiwanese workshop 10-12 November 1999).

2000

" Hotspots in Organoselenium Chemistry " (Vienna, COST Workshop D12/0020/99
Enantio- and Diastereoselective Transformations Applied in EPC Syntheses of Natural Products, May 2000)

“Asymmetric Dihydroxylation of Olefins” (Namur, Hotspot in Organic Syntheses,
Merinos Meetings, May 2000)

“Reactions involving Inorganic Compounds” (Warsawa, Poland, International Conference
on Organic Synthesis, ICOS 13, July 2000)

2001

“to Asymmetric Catalytic Dihydroxylation of C,C Double Bonds using Air as the Co-Oxidant ” (Taipei, Taiwan, International Conference on Organic Synthesis, IUPAC Symposium on OrganoMetallic Chemistry, OMCOS 11, July 2001)

2002

“Synthesis of Chrysanthemic Acid using the "Mulzer" and Related Approaches” (Vienna, Cost Workshop D12/0020/99 Enantio- and Diastereoselective Transformations Applied in EPC Syntheses of Natural Products, April 2002)

2003

“Diastereoselective Cyclopropanation of Electrophilic Olefins: Application to the Enantioselective Synthesis of Pyrethroic Acids”

- (Zurich, XV Fechem Conference in organometallic chemistry, August 2003)
- (Taipei, 2nd Belgo-Taiwanese Workshop in organic chemistry, November 2003)

"Enantioselective Syntheses of Pyrethroic Acids" (1st MeRinOS-Perch Meeting, September 2003)

"Selenium based Reactions and Reagents" (1st MeRinOS-Perch Meeting, September 2003)

“An original way to represent and transfer Knowledge from freshmen to researchers in Organic Chemistry (E-Learning Conference, Berlin, December, 2003)”

2004

“Diastereoselective Additions to C,C double bonds Applied to the Enantioselective Synthesis of Pyrethroic Acids” (9th International Symposium on Natural Product Chemistry, Karachi, Pakistan, January, 2004)

“Transfer of Knowledge to Freshmen & Researchers in Organic Chemistry” (Kick off Meeting of The ELeGi European Project, Barcelona, Spain, March, 2004)

“Importance des mots et du contexte dans le transfert de connaissances en Chimie Organique: Application aux Interactions entre les Sélénures, les Sélénures et l'Osmium (VIII) et (VI) (Société Française de Chimie, Réunion annuelle de la Section de Lille, Lille, France, March, 2004)

“Diastereoselective Additions to Electrophilic Olefins: Application to the Enantioselective Synthesis of Pyrethroic Acids”, International Symposium on Carbanion Chemistry (ISCC 7), Alicante, Spain (07 2004)

“Le Chatelier Principle” driven Reactions Involving Selenoorganic Compounds and Osmium Oxides”, Noyori Forum, (Kazuo Akademia Center, Japan, September 23th, 2004)

"Enantioselective Syntheses of Pyrethroic Acids using Diastereoselective Cyclopropanation of Electrophilic Olefins" 28th National Conference of the Romanian Chemical Society, (Calimanest-Caciulata-Valcea, Romania, October 6-8, 2004)

- 2005
"Synthesis of selenols and selenides from primary alkylthiols and tertiary alkyl halides "
14th Romanian International Conference on Chemistry and Chemical Engineering RICCE
XIV (Bucharest, Romania, September 22-24, 2005)
- 2006
"New results to an old problem: On the mechanism of sterol Biosynthesis"
Advanced Biotechnologies: perspectives of development in Armenia, dedicated to 35th
anniversary of Scientific Research Institute of Biotechnology (Tsakhkadzor, Republic of
Armenia, July, 2006)
- "Benzylolithiums: Synthesis and Synthetic Applications: Stereochemistry, Alkylation and
carbocyclisation"
- Journées Franco-Tunisienne de chimie organique de la Société Tunisienne de Chimie,
(Hammamet, Tunisia, September, 2006)
- 1st International Conference on Recent Challenges in Chemistry (Faisalabad, Pakistan)
Novembre, 2006
- "Protocols for building an Organic Chemical Ontology"
2nd International E-LEGI Conference (Barcelona, Spain, October, 2006)
- "Building the EnCORE Dictionary Collaboratively"
2nd International E-LEGI Conference (Barcelona, Spain, October, 2006)
- 2007 "Stereoselective Synthesis and Biosynthesis of Lanosterol analogues involving Epoxides"
Florida Heterocyclic Conference (FloHet-8, Gainseville, Florida, USA, March, 11 2007)
- " Benzylolithiums Powerful Tools in Organic Synthesis : their Alkylation and
Carbocyclisation Reactions"
Tenth International Conference on the Chemistry of Selenium and Tellurium (Łódź,
Poland, June 23-27, 2007.
- "Synthesis and Reactivity of Benzylolithiums *Application to the diastereoselective
synthesis of β -alkyl arylcyclopentanes*"
4th Heron Island Conference, 'Synthesis and Mechanism: Reactive Intermediates and
Unusual Molecules (Great Barrier Reef, Queensland, Australia July 7-14, 2007)

82 invitations
