# Program at a glance

## Monday August 13th
- 7:30a  buffet breakfast (G.Ballroom foyer)
- 8:50  Opening Remarks (G. Ballroom)
- 9:00  Sekiguchi (Pl-1)
- 9:45  Piers (Pl-2)
- 10:30  coffee break
- 11:00  Sato (IL-1) // Tang (IL-2)
- 11:30  Yamaguchi (O-1) // Goto (O-4)
- 11:50  Hicks (O-2) // Yamazaki (O-5)
- 12:10  Laitinen (O-3) // You (O-6)
- 12:30  lunch break
- 2:00p  Burford (IL-3) // Yatsimirsky (IL-5)
- 2:30  Baines (O-7) // Clyburne (O-11)
- 2:50  Bohle (O-8) // Kim (O-12)
- 3:10  coffee break
- 3:40  Passmore (IL-4) // Yamamoto (IL-6)
- 4:10  Woollins (O-9) // Mikolajczyk (O-13)
- 4:30  Tokitoh (O-10) // Olszewski (O-14)
- 4:50  session end
- 5:00  **Posters 1-40 and beer**

## Tuesday August 14th
- 7:30a  buffet breakfast
- 9:00  Barluenga (Pl-3)
- 9:45  Sneddon (Pl-4)
- 10:30  coffee break
- 11:00  Tilley (L-7) // Tsuji(L-8)
- 11:30  Teixidor (O-15) // Block (O-18)
- 11:50  Xie (O-16) // Nakanishi (O-19)
- 12:10  Viñas (O-17) // Nyulászi (O-20)
- 12:30  lunch break
- 2:00p  Gabbaii (L9) //Russell (IL-11)
- 2:30  Kawachi (O-21) // Streubel (O-25)
- 2:50  Bregadze (O-22) // Bilge (O-26)
- 3:10  coffee break
- 3:40  Grutzmacher(IL-10)//Rowan (IL-12)
- 4:10  Feng (O-23) // Murai (O-27)
- 4:30  Weber (O-24) // Yang (O-28)
- 4:50  session end
- 5:00  **Posters 41-80 and beer**

## Wednesday August 15th
- 7:30a  buffet breakfast
- 9:00  Hartwig (Pl-5)
- 9:45  coffee break
- 10:15  Nozaki (IL-13) // Ciufolini (IL16)
- 10:45  Norman (IL-14) // Dixon (Il-16)
- 11:15  Glass (IL-15) // Rozen (L18)
- 11:45  session end
- 12:00  depart Getty - box lunch
- 12:15  depart Wineries - box lunch
- 12:30  depart Disneyland - box lunch

## Thursday August 16th (late start)
- 8:00a  buffet breakfast
- 9:15  Grubbs (Pl-6)
- 10:00  Klapötke (Pl-7)
- 10:45  coffee break
- 11:15  Gates(IL-19)//Oestreich (IL-20)
- 11:45  Kawashima (O-29)//Tamm (O-31)
- 12:05  Hoge (O-30)// Zwanenburg (O-32)
- 12:25  lunch break
- 2:00p  Jäkle (IL-21) // Jun (IL-23)
- 2:30  Ito (O-33) // Coles (O-37)
- 2:50  Macdonald (O-34) //Hasan (O-38)
- 3:10  coffee break
- 3:40  Baumgartner (IL-22) // Hahn (IL-24)
- 4:10  Roesler (O-35) // Saito (O-39)
- 4:30  Gololobov (O-36) // Minoura (O-40)
- 4:50  swim break
- 6:30  depart for banquet
Scientific Program

Monday August 13 (Grand Ballroom)

8:50-9:00  Opening Remarks - Chris Reed  
Chair: Guy Bertrand

9:00-9:45  Akira Sekiguchi (Pl-1) Disilyne with a Silicon–Silicon Triple Bond: A New Entry to Multiple Bond Chemistry.

9:45-10:30  Warren E. Piers (Pl-2) Boron-Nitrogen Analogs of Polycyclic Aromatic Hydrocarbons.

10:30-11:00  coffee break

Morning Session A (Grand Ballroom – Salon A - left)  
Chair: Guy Bertrand

11:00-11:30  Soichi Sato (IL-1) Organo-perchalcogenurane and Organo-chalcogenuranyl Dication

11:30-11:50  Shigehiro Yamaguchi (O-1) Phosphoryl-Bridged Stilbenes as a New Ladder pi-Electron Material.s


12:10-12:30  Risto Laitinen (O-3) Towards Solution of an Old Problem: The Reversible Dissociation of (Se₆I₂)(AsF₆)₂ in SO₂(l).

12:30-2:00  lunch break

Morning Session B (Grand Ballroom – Salon B - right)  
Chair: Francois Mathey

11:00-11:30  Yong Tang (IL-2) Ylide Cyclization - beyond Three Membered Rings.

11:30-11:50  Kei Goto (O-4) Model Study for the Reaction of Cysteine with Reactive Nitrogen Species by Utilizing a Bowl-shaped Molecular Cavity.

11:50-12:10  Shoku Yamazaki (O-5) Lewis Acid-promoted Novel Cyclization Reactions towards N- and O-containing Heterocycles.

12:10-12:30  Shu-Li You (O-6) Chiral Phosphoric Acids for Highly Enantioselective Friedel-Crafts Reactions.

12:30-2:00  lunch break

Afternoon Session A (Grand Ballroom – Salon A - left)  
Chair: Nick Norman

2:00-2:30  Neil Burford (IL-3) Understanding Chemical Interactions between Heavy Metals and Bio-Ligands.

2:30-2:50  Kim Baines (O-7) On the Synthesis and Reactivity of Tetramesityldigermene

2:50-3:10  Scott Bohle (O-8) NO Addition Chemistry

3:10-3:40  coffee break

3:40-4:10  Jack Passmore (IL-4) The Click Chemistry of SNS⁺ and a New Class of Stable Quinone-Thiazyl Radicals.

4:10-4:30  Derek Woollins (O-9) Reactivity of [PhP(Se)₂(µ-Se)]₂ (Woollins Reagent).


5:00-6:30  Monday Posters P-1 to P-40 (Orangecrest Room)

Afternoon Session B (Grand Ballroom – Salon B - right)  
Chair: Binne Zwanenburg
2:00-2:30 Anatoly Yatsimirsky (IL-5) Enzyme mimics for phosphoryl transfer reactions.


2:50-3:10 Yong Hae Kim (O-12) Burton-McCombie Deoxygenation of Alcohols with Tetrabutylammonium Peroxydisulfate and Formate Ion.

3:10-3:40 coffee break


4:10-4:30 Marion Mikołajczyk (O-13) Unexpected Formation and Characterization of Cyclic Borane Derivatives of Bis(diphenylphosphanyl)naphthalene.


5:00-6:30 Monday Posters P-1 to P-40 (Orangecrest Room)

Tuesday August 14 (Grand Ballroom)

Chair: Francois Mathey

9:00-9:45 José Barluenga (Pl-3) Carbon-Carbon and Carbon-Heteroatom Bond-Forming Reactions Mediated by Metals and non-Metals.


10:30-11:00 coffee break

Morning Session A (Grand Ballroom – Salon A - left)

Chair: Yohsuke Yamamoto

11:00-11:30 Don Tilley (IL-7) New Stoichiometric and Catalytic Transformations involving Transition Metal-Silicon Systems.

11:30-11:50 Francesc Teixidor (O-15) Preferential Chlorination of Vertexes in Carborane Anions. Radical Substitution Rate Correlation with Site Charges Computed by the Two Atoms Natural Population Analysis Method (2a-NPA)


12:10-12:30 Clara Viñas (O-17) Iodination “on demand” of new ortho-carborane derivatives: from mono- to polysubstituted frameworks.

12:30-2:00 lunch break

Morning Session B (Grand Ballroom – Salon B - right)

Chair: Dick Glass

11:00-11:30 Hayato Tsuji (IL-8) Photoinduced Electron Transfer between Zinc Porphyrin–Fullerene through an Oligosilane Chains.

11:30-11:50 Eric Block (O-18) Chemistry of Mixed Sulfur-, Selenium-, or Tellurium- and Silicon- or Tin-Containing Heterocycles.

11:50-12:10 Waro Nakanishi (O-19) Torsional Angular Dependence of J(Se, Se) and Factors to Control nJ(Se, Se): Analysis of J(Se, Se) Based on MO Theory.

12:10-12:30 László Nyulászi (O-20) Neutral Hypervalent Compounds with Heavy Group 14 elements.

12:30-2:00 lunch break
Afternoon Session A (Grand Ballroom – Salon A - left)

Chair: Warren Piers

2:00-2:30  François P. Gabbaï (IL-9) Cationic boranes. Synthesis, reduction chemistry and anion complexation.

2:30-2:50  Atsushi Kawachi (O-21) B,Si Bidentate Lewis Acids: o-Boryl(fluorosilyl)benzenes Derived from o-(Fluorosilyl)phenyllithiums and Their Fluoride Ion Affinity.

2:50-3:10  V. Bregadze (O-22) Derivatives of Polyhedral Boron Compounds for Medicine

3:10-3:40  coffee break

3:40-4:10  Hansjörg Grützmacher (IL-10) Jack in the Box in Phosphorus Chemistry: Hydrogenphosphides in Alkoxide containers.

4:10-4:30  Xiaoming Feng (O-23) Asymmetric Cyanosilylation of Aldehydes, Ketones and Imines Catalyzed by Organocatalyst.

4:30-4:50  Lothar Weber (O-24) Inversely Polarized Phospha- and Arsaalkenes as Sources for Phosphinidene and Arsinidene Unit.

5:00-6:30  Tuesday Posters P-41 to P-80

Afternoon Session B (Grand Ballroom – Salon B - right)

Chair: Yong Kim

2:00-2:30  Chris Russell (IL-11) The Varied Faces of Low-Coordinate Phosphorus Chemistry.

2:30-2:50  Rainer Streubel (O-25) Bond Activation in Phosphorus Heterocyclic Chemistry.


3:10-3:40  coffee break

3:40-4:10  Alan Rowan (IL-12) The Porphyrin Foundry.

4:10-4:30  Toshiaki Murai (O-27) Quarternary Ammonium Salts Bearing Alkynyl and Alkylthio Groups.

4:30-4:50  Guang-Fu Yang (O-28) Rapid Construction and Screening of Bioactive Heteroatom Compound Library with Structurally Diversity.

5:00-6:30  Tuesday Posters P-41 to P-80
**Wednesday August 15 (Grand Ballroom)**

*Chair:* Guy Bertrand

9:00-9:45 **John Hartwig** (Pl-5) *Catalytic Organometallic Chemistry of Metal-Heteroatom Bonds.*

9:45-10:15 coffee break

**Morning Session A (Grand Ballroom – Salon A - left)**

*Chair:* Takayuki Kawashima

10:15-10:45 **Kyoko Nozaki** (IL-13) *Nucleophilic Introduction of a Boryl Ligand using Boryllithium.*

10:45-11:15 **Nick Norman** (IL-14) *New Developments in the Chemistry of Diborane(4) Amido Compounds.*


12:00 Getty excursion/ box lunch on bus

12:15 Winery excursion/ box lunch on bus

12:30 Disneyland excursion/ box lunch on bus

**Morning Session B (Grand Ballroom – Salon B - right)**

*Chair:* Eric Block

10:15-10:45 **Marco Ciufolini** (IL-16) *Transformations Mediated by Hypervalent Iodine Reagents: Development and Application.*

10:45-11:15 **Darren Dixon** (IL-17) *Highly Enantioselective Bifunctional Organocatalysis: New Powerful Methods and Synthetic Applications.*

11:15-11:45 **Shlomo Rozen** (IL-18) *HOF*CH$_3$CN as an Excellent Oxygen Transfer Agent to Various Heteroatoms.*

12:00 Getty excursion/ box lunch on bus

12:15 Winery excursion/ box lunch on bus

12:30 Disneyland excursion/ box lunch on bus

**Thursday August 16 (Grand Ballroom) (later start)**

*Chair:* Francois Mathey

9:15-10:00 **Bob Grubbs** (Pl-6) *New Ligands for Olefin Metathesis Catalysts.*

10:00-10:45 **Thomas Klapötke** (Pl-7) *New Nitrogen-Rich Tetrazole Compounds as Energetic Ingredients for Propellants, Propellant Charges and Explosives.*

10:45-11:15 coffee break

**Morning Session A (Grand Ballroom – Salon A - left)**

*Chair:* Kim Baines

11:15-11:45 **Derek Gates** (IL-19) *Poly(methylenephosphines): Polymers with Functional Groups in the Main Chain.*


12:25-2:00 lunch break

**Morning Session B (Grand Ballroom – Salon B - right)**

*Chair:* José Barluenga
11:15-11:45 Martin Oestreich (IL-20) Facets of Stereoselective Organosilicon Chemistry.
11:45-12:05 Matthias Tamm (O-31) Efficient Room-Temperature Alkyne Metathesis with Well-Defined Imidazolin-2-iminato Tungsten Alkyldiyne Complexes.
12:25-2:00 lunch break
Afternoon Session A (Grand Ballroom – Salon A - left)
Chair: Norihiro Tokitoh
2:00-2:30 Frieder Jäkle (IL-21) Thiophene Polymers Containing Organoborane Moieties as New Optoelectronic Materials.
2:30-2:50 Shigekazu Ito (O-33) Chemistry of Stable 1,3-Diphosphacyclobutane-2,4-diyls in Relation to Electron-Transfer Processes.
2:50-3:10 Charles Macdonald (O-34) Univalent Indium and Related Low Oxidation State Main Group Compounds.
3:10-3:40 coffee break
3:40-4:10 Thomas Baumgartner (IL-22) Dithienophospholes – Valuable Building Blocks for Organic Electronics.
4:10-4:30 Roland Roesler (O-35) Boron-Nitrogen Heterocycles as Ligands in Transition Metal Sandwich and Triple-Decker Sandwich Complexes.
4:30-5:10 Yuri Gololobov (O-36) Formation of stable negatively charged polyenes by reactions of C-nucleophiles with polynitrofluorobenzenes.
Afternoon Session B (Grand Ballroom – Salon B - right)
Chair: Marion Mikolajczyk
2:30-2:50 Martyn P. Coles (O-37) Bicyclic Amidines and Guanidines as Onio-Ligands in Group 15 chemistry.
2:50-3:10 Aurangzeb Hasan (O-38) Synthesis and Characterization of Some New 2,3-Disubstituted Quinazolinones as Potential Antifungal Drugs.
3:10-3:40 coffee break
3:40-4:10 Ekkehardt Hahn (IL-24) Template Synthesis of Cyclic Polycarbene Ligands.
4:30-4:50 Mao Minoura (O-40) Synthesis and Characterization of Pentaphenyltellurium Anion, Ph₅Te⁻.
6:30 buses depart for banquet
**Posters** (Listed mostly alphabetically by presenting author)

**Posters 1- 40, Monday 5:00-6:30 pm, Orangewood Room.**
**Posters 41- 80, Tuesday 5:00-6:30 pm, Orangewood Room.**

**P-1.** Phosphaalkenes as Precursors to Highly Strained Phosphorus Containing Heterocycles  
Joshua I. Bates and Derek P. Gates*

**P-2.** Efficient $N$-alkylation of aza and diaza macrocycles under microwave irradiation in solventless media  
Haider Behbehani* and Rana N. Malhas

**P-3.** Synthesis and Antiproliferative Studies on Aryl Esters of 17-Oxo-17a-Aza-D-Homo-5-Androsten-3β-ol.  
Tilak Raj Bhardwaj, Manoj Kumar, Neelima Dhingra and Neeraj Mehta

**P-4.** Persistent Cyclic (Amino)(Phosphino)Carbenes  
Jean-Baptiste Bourg, Maoying Song, Michele Soleilhavoup, Bruno Donnadieu, Guy Bertrand

**P-5.** Anellation of Triazolo Systems through corresponding Hydrazino-derivatives  
A. Bytyci, S. Govori, V. Kalaj, O. Leci, A. Haziri, M. Daci and A. Rifati

**P-6.** Symmetry-Controlled Spin Coupling in High-Spin Iron(III) Porphyrin Radicals  
Ru-Jen Cheng,* Hsin-Ru Wu

**P-7.** Fluorescence Polarization-Based High Throughput Screening of Inhibitors for NS1A protein from Influenza A Virus  
Susan Chong, Eun Jeong Cho, Ted Chu, Nguyen Thi Hong Hanh, and Andrew D. Ellington

**P-8.** Copper Perchlorate Catalyzed One Pot Synthesis of Substituted 1,2,3,4-Tetrahydropyrimidine-2-ones & Hantzsch 1,4-Dihydropyridines in Solventless Media  
Harish Kumar*, Balbir Kaur, Anupama Parmar and Saurabh Puri

**P-9.** Singlet Carbenes aren’t always stable.  
Alan DeHope, Vincent Lavallo, Bruno Donnadieu, Wolfgang W. Schoeller, Guy Bertrand.
**P-10.** New synthetic Heterocyclic bioactive moieties and studies of there anticancer and antimicrobial activity.

K. R. Desai

**P-11.** Synthesis, Structures and Pseudorotation of Cyclotetraphosphinophosphonium Ions

C. Adam Dyker,1 Susanne D. Riegel,2 Neil Burford,2 Michael D. Lumsden2 and Andreas Decken3

**P-12.** Enamine Catalysis in the Synthesis of Analogs of Biologically Active Bisphosphonates

Ana Maria Faisca Phillips and Maria Teresa Barros

**P-13.** A New Route for 3-methyl-1-phenyl-1H-[1]benzopyrano[4,3-c]pyrazol-4-ones. An unexpected cyclization.

Irma Y. Flores-Larios,a Francisco J. Martínez-Martínez,a Itzia I. Padilla-Martínez, b Efrén V. García-Báez. b

**P-14.** Facile activation of small molecules at a single carbon center

Guido D. Frey, Jason D. Masuda, Bruno Donnadieu, Wolfgang W. Schoeller, Guy Bertrand

**P-15.** Palladium-Catalyzed Regio- and Stereoselective Selenoacylation of Allenes

Shin-ichi Fujiwara,‡ Erika Murase,‡ Masashi Toyofuku,‡ Tsutomu Shin-ike,‡ Hitoshi Kuniyasu,‡ and Nobuaki Kambe‡

**P-16.** Functionalised Rh(III), Ir(III) and Pd(II) XCX Pincer Complexes

Cornelia B. Futter, Hermann A. Mayer, Flor Toledo Rodríguez, David Ruiz, Lars Wesemann, Hartmut Schubert

**P-17.** Catalytic Aerobic Oxidation of Hydrocarbons and Alcohol by Fluorinated N-Hydroxyphthalimides (F-NHPI)

Samar Kumar Guha, Naruhisa Hirai, Yasushi Obora, and Yasutaka Ishii*

**P-18.** Synthesis of a Novel Tridentate Ligand Bearing Two Pyrimidine (or Pyridine) Donors

Yuichi Hirano and Yohsuke Yamamoto*

**P-19.** Internal Delivery of Soft Chlorine and Bromine Atoms: Stereoselective Synthesis of (E)-β-Halogenovinyl(aryl)-λ3-iodanes through Domino λ3-Iodanation-1,4-Halogen Shift-Fluorination of Alkynes
Masaya Hirobe, Yoshio Nishi, Akira Yoshimura, and Masahito Ochiai

**P-20.** A Qualitative Scale for the Electron Withdrawing Effect of Substituted Phenyl Groups and Heterocycles
Berthold Hoge, Julia Bader

**P-21.** Selective Synthesis of Bis[2,4-bis(trifluoromethyl)phenyl]phosphane Derivatives Starting from 1,3-Bis(trifluoromethyl)benzene
Berthold Hoge, Boris Kurscheid

**P-22.** Synthesis of Polychalcogenoether Ligands Tethered with Bulky Substituents and Their Application to the Synthesis of Palladium Complexes
Toru Isobe, Nobuhiro Takeda, Yoshiyuki Mizuhata and Norihiro Tokitoh*

**P-23.** Selenoxides as Useful Reagents for Disulfide-Bond Formation in Biochemical Reaction Systems
Fumio Kumakura and Michio Iwaoka*

**P-24.** Synthesis and Characterization of Sulfonylimino-\(\lambda^3\)-bromane that Serves as Nitrenoid at Room Temperature under Metal-free Conditions
Takao Kaneaki, Norihiro Tada, Masahito Ochiai, Motoo Shiro,† Satoko Hayashi,‡ and Waro Nakanishi‡

**P-25.** Catalytic Immobilization of Organic Functional Group on Solid Support
Sin-Gun Kang, Jung-Woo Park and Chul-Ho Jun*

**P-26.** Template controlled synthesis of \([11]\text{ane}-P_2C^{NHC}\) macrocyclic ligands
Oliver Kaufhold, Andreas Stasch, Peter G. Edwards and F. Ekkehardt Hahn

**P-27.** Synthesis and Properties of Stable Platinum Complexes Bearing Overcrowded Primary Phosphine Ligands
Masahiro Kawai, Takahiro Sasamori, and Norihiro Tokitoh*

**P-28.** Synthesis of 5-membered heterocyclic compounds of biological importance.
Md. Wahab Khan*, Arifa Akther and Morshed Ali

**P-29.** Stanna-closo-dodecaborate. A versatile ligand in coordination chemistry.
Marius Kirchmann, Torben Gädt and Lars Wesemann

**P-30.** Optical Tunings of Dibenzoheteraborins to Full Color Materials
Junji Kobayashi, Tomohiro Agou, Masaki Sekine, and Takayuki Kawashima

**P-31.** Synthesis and catalytic activity of cyclic(alkyl)(amino) carbene gold(I) complexes
Shazia Kousar, Vincent Lavallo, Guido D. Frey, Bruno Donnadieu, Guy Bertrand

**P-32.** Reactivities of Three- and Four-Membered Rings: Comparisons between Phosphorus and Carbon
Elizabeth H. Krenske and Kendall N. Houk

**P-33.** Palladium Catalyzed Cross Coupling Reaction of Diazones N-Oxide.
Jean-Philippe Leclerc and Keith Fagnou*

**P-34.** Electroluminescent Properties of Novel Zn-Containing Organometallic Complexes
Otgondemberel Galaaraidii, Jeong-Keun Park, and Burm-Jong Lee*

**P-35.** Ruthenium and Osmium Complexes Containing Dichalcogenoimidodiphosphinate Ligands
Wa-Hung Leung*, Wai-Man Cheung, and Ian D. Williams

**P-36.** Synthesis and herbicidal activity of 2-substituted phenylisoquinolinones
Hong-Fei Wu, Hai-Bo Yu, Ai-Ying Guan, Dong-Liang Cui, Bin Li*

**P-37.** Synthetic Functionalization and Surface Characterization of Alumina by 4-Aminoatipyrne for Selective Ion Exchange and Preconcentration of Heavy Metals
Mohamed E. Mahmoud a*, Maher M. Osman b, Osama F. Hafez b, and Ahmed Alrefaay b

**P-38.** Asymmetric Reactions Employing Novel Camphor-Derived Chiral Auxillaries
Neliswa Skiti, and Cedric McCleland

**P-39.** Remarkable Oxidizing Ability of Tetraarylbismuthonium Salts in Alcohol Oxidation
Yoshihiro Matano, Takeshi Suzuki, Tomonori Shinokura, and Hiroshi Imahori
P-40. Synthesis, Structure, and Optical Properties of 2-Aryl-5-styrylphospholes
Yoshihiro Matano, Tooru Miyajima, Hiroshi Imahori, and Yoshifumi Kimura

P-41. Complexes of selected d-block elements with 4-oxo-4H-1-benzopyran-3-carboxylic acid
Agnieszka Dzwulska-Kulaczkowska, Wiesława Ferenc

P-42. Stereomutation of Pentacoordinate Organoantimony Compounds Bearing a Rigid Tridentate Ligand.
Shiro Matsukawa, Hideaki Yamamichi, Yohsuke Yamamoto, and Kaori Ando

P-43. Elucidation of the Redox Behavior of Kinetically Stabilized Silaaromatic Compounds
Takeshi Matsumoto, Takahiro Sasamori, and Norihiro Tokitoh

P-44. Synthesis and Properties of Rhodium Complexes Having a Novel Ketophosphenato Ligand.
Teruyuki Matsumoto, Takahiro Sasamori, and Norihiro Tokitoh

P-45. Synthesis of Novel Boron Containing Polycyclic Aromatic Hydrocarbons (PAHs): Borapentacene and Benzoborepin
Thomas K. Wood, Lauren G. Mercier, Warren E. Piers, and Masood Parvez

Tooru Miyajima, Yoshihiro Matano, Hiroshi Imahori, Motoo Shiro, Noriaki Ochi, Yoshihide Nakao, and Shigeyoshi Sakaki

P-47. Activated Iodosylbenzene Monomer as an Environmentally Friendly Ozone Equivalent: Oxidative Cleavage of Carbon-Carbon Double Bonds in the Presence of Water
Kazuhiro Miyamoto, Norihiro Tada, and Masahito Ochiai

P-48. Theoretical Studies on Model Reaction Pathways of Glutathione-Dependent Prostaglandin D_{2}/E_{2} Biosyntheses
Seiji Mori, Naoto Yamaguchi, Takamitsu Kohzuma, Toshikazu Takada, and Fumihiko Sakata

P-49. Kinetically Stabilized 1,1'-Bis(diphosphenyl)ferrocenes
Noriyoshi Nagahora, Takahiro Sasamori, and Norihiro Tokitoh

P-51. Living Anionic Polymerization of Phosphaalkenes Kevin J. T. Noonan, and Derek P. Gates*

P-52. Oxidative Addition of Organic Ditellurides to Platinum(0) Complexes Raija Oilunkaniemi, a Andreas Wagner, a,b Risto S. Laitinen, a and Wolfgang Weigand b


P-54. Facile O-Silylation of Alcohol with Vinylsilane By Catalytic System of Transition Metal Complexes with HCl Jung-Woo Park and Chul-Ho Jun*


P-60. Synthesis, Structure, and Reactivity of Boryllithium
Yasutomo Segawa, Yuta Suzuki, Makoto Yamashita, and Kyoko Nozaki

P-61. Synthesis of 4,6-Diethyl-2-phenyl-5-thiocarboxynicotinic acid as Precursor of PET-Tracers for a new Target: The Adenosine A3 Receptor (A3AR)
Karem Shanab, Helmut Spreitzer, Markus Mitterhauser, Wolfgang Wadsak, Leonhard-Key Mien

P-62. Synthesis and Reactivity of a Room Temperature Stable (CAAC) Copper(I) Hydride Complex
Michele Soleilhavou, Guido D. Frey, Bruno Donnadieu, Guy Bertrand

P-63. Catalytic Wittig-Type Olefination of Carbonyl Compounds
Peng Cao, Chuan-Ying Li, Yan-Biao Kang, Xiu-Li Sun, and Yong Tang*

P-64. Aliphatic Bromonium Ylides. Synthesis, Characterization, and Reaction with Nucleophiles
Norihiro Tada, Kentaro Murai, Satoru Goto, and Masahito Ochiai

P-65. Syntheses of Silanedichalcogenolato Complexes Utilizing Stable Silanedichalcogenols and Elucidation of Their Structures and Reactivities
Taro Tanabe, Yoshiyuki Mizuhata, and Norihiro Tokitoh*

P-66. Development of Protein Tyrosine Phosphatase Inhibitors for the Treatment of type 2 Diabetes.
Michel Thérien, Christopher I. Bayly, Réjean Fortin, Jacques Yves Gauthier, Cheuk K. Lau, Chun Sing Li, Vouy L. Truong, Ernest Asante-Appiah, Wanda Cromlish, Yves Boie, Farnaz Forghani, Sylvie Desmarais, Qingping Wang, Kathryn Skorey, Deena Waddleton, Paul Payette, Chidambaram Ramachandran, Brian P. Kennedy, Giovana Scapin

P-67. Synthesis of Anthryldiphosphene Derivatives by Taking Advantage of Steric Protection and Their Properties
Akihiro Tsurusaki, Takahiro Sasamori, Noriyoshi Nagahora, and Norihiro Tokitoh*

P-68. Reactions of 2,3,6,7,14,15-Hexamethyl-9-phospha-10-stibatriptycene.
Jun Sugimoto, Yosuke Uchiyama, and Gaku Yamamoto
P-69. Synthesis of Pyridodiazepines and Other Derivatives of 2-Hydroxynicotinic Acid
An Van den Bogaert, Wim De Borggraeve, Frans Compernolle

P-70. Synthesis of spirocyclic pyridoazepines via NAS of substituted 2-chloropyridines
Sofie Vanlaer¹, Wim De Borggraeve² and Frans Compernolle

P-71. Photoluminescent 1,3,2-Diazaborolyl-functionalized π-Systems.
Vanessa Werner.

P-72. Sterically and Electronically Tunable and Bifunctional Organocatalysts: Design and Application in Asymmetric Aldol Reaction of Cyclic Ketones with Aldehydes
Xiao-Peng Liu, Jianming Zhang, Yongjian Li and Wen-Jing Xiao*

P-73. Oxidation of the Allene Compound Bearing Two Thioxanthene Skeletons
YAMAGUCHI Torahiko, YAMAMOTO Yohsuke

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