

Program at a glance

Monday August 13th

7:30a buffet breakfast (G.Ballroom foyer)
8:50 Opening Remarks (G. Ballroom)
9:00 Sekiguchi (PI-1)
9:45 Piers (PI-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

Wednesday August 15th

7:30a buffet breakfast
9:00 Hartwig (PI-5)
9:45 coffee break
10:15 Nozaki (IL-13) // Ciufolini (IL-16)
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

Tuesday August 14th

7:30a buffet breakfast
9:00 Barluenga (PI-3)
9:45 Sneddon (PI-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 Gabbai (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 Grutmacher(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

Thursday August 16th (late start)

8:00a buffet breakfast
9:15 Grubbs (PI-6)
10:00 Klapötke (PI-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** (PI-1) *Disilyne with a Silicon–Silicon Triple Bond: A New Entry to Multiple Bond Chemistry.*
- 9:45-10:30 **Warren E. Piers** (PI-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*
- 11:50-12:10 **Robin Hicks** (O-2) *New vistas in formazan chemistry. Nitrogen-rich analogs of “nacnac” ligands.*
- 12:10-12:30 **Risto Laitinen** (O-3) *Towards Solution of an Old Problem: The Reversible Dissociation of $(Se_6I_2)(AsF_6)_2$ in $SO_2(l)$.*
- 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 $[PhP(Se)(\mu-Se)]_2$ (Woollins Reagent).*
- 4:30-4:50 **Norihiro Tokitoh** (O-10) *Some Unique Reactions of Kinetically Stabilized Metallaaromatic Compounds of Heavier Group 14 Elements.*

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.*
- 2:30-2:50 **Jason A. C. Clyburne** (O-11) *Electron- and Hydrogen-rich Species: Their Reactivity with N-heterocyclic Carbenes and Related Molecules.*
- 2:50-3:10 **Yong Hae Kim** (O-12) *Burton-McCombic Deoxygenation of Alcohols with Tetrabutylammonium Peroxydisulfate and Formate Ion.*
- 3:10-3:40 coffee break
- 3:40-4:10 **Yohsuke Yamamoto** (IL-6) *Synthesis of Hypervalent Pentacoordinate and Hexacoordinate Carbon Compounds.*
- 4:10-4:30 **Marion Mikołajczyk** (O-13) *Unexpected Formation and Characterization of Cyclic Borane Derivatives of Bis(diphenylphosphanyl)naphthalene.*
- 4:30-4:50 **John Olszewski** (O-14) *An Alternative to Carbon Disulfide. A Radiochemist's Approach.*
- 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** (PI-3) *Carbon-Carbon and Carbon-Heteroatom Bond-Forming Reactions Mediated by Metals and non-Metals.*
- 9:45-10:30 **Larry Sneddon** (PI-4) *The Design, Syntheses and Applications of Organopolyborane Precursors to Micro and Nano-Structured Ceramics.*
- 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)*
- 11:50-12:10 **Zuowei Xie** (O-16) *Role of C,C'-Linkage in the Formation and Stabilization of Supercarboranes.*
- 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 $IJ(\text{Se}, \text{Se})$ and Factors to Control $nJ(\text{Se}, \text{Se})$: Analysis of $J(\text{Se}, \text{Se})$ Based on $M O$ 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.*
- 2:50-3:10 **Selen Bilge** (O-26) *spiro- and spiro-Crypta Phosphazenes. Relationships between Structural Parameters and δP -shifts of Bulky Substituted Phosphazenes.*
- 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** (PI-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.*

11:15-11:45 **Richard Glass** (IL-15) *A Bio-inspired Catalyst for Hydrogen Production.*

11:2:00 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•CH₃CN 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** (PI-6) *New Ligands for Olefin Metathesis Catalysts.*

10:00-10:45 **Thomas Klapötke** (PI-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.*

11:45-12:05 **Takayuki Kawashima** (O-29) *Diphenyl[2-(Phenylazo)phenyl]phosphine: Equilibrium with an Inner Phosphonium Salt and Application to an Ambidentate Ligand.*

12:05-12:25 **Berthold Hoge** (O-30) *Electron Conducting Materials on the Basis of Perfluorophenylenephosphanes.*

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-ylidene Tungsten Alkylidyne Complexes.*
- 12:05-12:25 **Binne Zwanenburg** (O-32) *Small-ring Heterocyclic Chiral Catalysts.*
- 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
- 2:00-2:30 **Chul-Ho Jun** (IL-23) *Recycle of Organic and Organometallic Catalysts Using Hydrogen Bonding Heterocyclic Motifs and Its Further Application.*
- 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.*
- 4:10-4:30 **Masaichi Saito** (O-39) *Synthesis and Structure of the First Stable Pentaorganostannate Bearing Five Carbon Substituents.*
- 4:30-4:50 **Mao Minoura** (O-40) *Synthesis and Characterization of Pentaphenyltellurium Anion, Ph_5Te^- .*
- 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-17 α -Aza-D-Homo-5-Androsten-3 β -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 Donnadiu, 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) X₂CX 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)- λ^3 -iodanes through Domino λ^3 -Iodination-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- λ^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]ane-P₂C^{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 Diazines *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 Dichalcogenoimidodiphosphate 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 McClelland

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-carboxaldehyde

Agnieszka Dziewulska-Kulaczewska, 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 η^5 -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

P-46. Synthesis, Structures, and Complexations of Phosphole-Containing Hybrid Calixphyrins.

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

Kazunori Miyamoto, Norihiro Tada, and Masahito Ochiai

P-48. Theoretical Studies on Model Reaction Pathways of Glutathione-Dependent Prostaglandin D₂/E₂ Biosyntheses

Seiji Mori,¹ Naoto Yamaguchi,^{1,2} Takamitsu Kohzuma,¹ Toshikazu Takada,³ and Fumihiko Sakata¹

P-49. Kinetically Stabilized 1,1'-Bis(diphosphenyl)ferrocenes

Noriyoshi Nagahora,^{†,‡} Takahiro Sasamori,[†] and Norihiro Tokitoh^{*†}

P-50. *spiro-ansa-spiro-* and *spiro-bino-spiro-*Phosphazenes. Syntheses, Crystallographic and Spectroscopic Properties of Phosphazenes.
Amgalan Natsagdorj, Selen Bilge, Aytug Okumus, Semsay Demiriz, Zeynel Kilic and Tuncer Hokelek

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-53. Generation of a 1-Hydrosilene Bearing a Bulky Substituent and Its Unique [6+6] Dimerization
Shuhei Ozaki, Takahiro Sasamori, Norihiro Tokitoh*

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*

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