

List of publications and invited lectures and seminars

Papers

1. Horváth, I. T.; Pályi, G.; Markó, L.; Andreetti, G.
Cobalt Carbonyls with Two Different Bridging Carbene Ligands: (μ_2 -But-2-en-4-olide-4-ylidene)- μ_2 -(2',2'-disubstituted-ethene-1'-ylidene)-dicobalt Hexacarbonyl Compounds
J. Chem. Soc., Chem. Commun. **1979**, 1054.
2. Váradi, G.; Horváth, I. T.; Palágyi, J.; Bak, T.; Pályi, G.
The Influence of Tertiary Phosphorus Compounds on the Catalytic Synthesis of Bifurandions
J. Mol. Cat. **1980**, *9*, 457.
3. Váradi, G.; Horváth, I. T.; Pályi, G.; Markó, L.; Slovokhotov, Y. L.; Struchkov, Y. T.
Reaction of the Butene-2-olide-4 Complexes, $(C_4O_2R^1, R^2)Co_2(CO)_7$ with Acetylenes; Formation of New Types of Organic Ligands
J. Organometal. Chem. **1981**, *206*, 119.
4. Adams, R. D.; Horváth, I. T.; Segmüller, B. E.
Cluster Synthesis via Inorganic Diazo Compounds. The Synthesis and Crystal and Molecular Structure of $(\mu-H)_2(\mu-Cl)IrOs_3(CO)_9PPh_3$
Organometallics **1982**, *1*, 1537.
5. Adams, R. D.; Horváth, I. T.; Segmüller, B. E.; Yang, L. W.
The Effects of Ligand Substitution on the Metal-Metal Bonding in Triosmium Carbonyl Clusters. The Synthesis, Crystal and Molecular Structures of $Os_3(CO)_9(\mu_3-S)_2$ and $Os_3(CO)_8(\mu_3-S)_2(PMe_2Ph)$
Organometallics **1983**, *2*, 144.
6. Adams, R. D.; Horváth, I. T.; Yang, L. W.
The Use of Sulfido Ligands in the Synthesis of High Nuclearity Transition Metal Cluster Compounds. The Synthesis, Crystal and Molecular Structures of $Os_6(CO)_{17}(\mu_4-S)_2$ and $Os_6(CO)_{16}(\mu_4-S)(\mu_3-S)$
J. Am. Chem. Soc. **1983**, *105*, 1533.
7. Horváth, I. T.; Pályi, G.; Markó, L.; Andreetti, G.
Preparation and Structure of $(\mu_2-C_4O_2R^1, R^2)(\mu_2-CCR^3, R^4)Co_2(CO)_6$ Compounds. Unexpected 1,2-Shift of the Substituents of Coordinated Haloacetylenes
Inorg. Chem. **1983**, *20*, 1049.
8. Horváth, I. T.; Pelczer, I.; G. Szabó, G.; Pályi, G.
A Highly Stereoselective Catalytic C,N-Bond Breaking and Making: The Formation of Citraconic Acid Diamides from Propargyl Amines Catalyzed by Dicobalt Octacarbonyl
J. Mol. Cat. **1983**, *20*, 153.
9. Adams, R. D.; Horváth, I. T.; Mathur, P.; Segmüller, B. E.
Cleavage of Carbon-Sulfur Bonds in Thiolato Ligands in Osmium Carbonyl Cluster Compounds. The Synthesis and Structural Characterization of $H_2Os_6(CO)_{18}(\mu_4-S)(\mu_3-S)$ and Two Isomers of $H_2Os_6(CO)_{17}(\mu_4-S)(\mu_3-S)$
Organometallics **1983**, *2*, 996.
10. Adams, R. D.; Horváth, I. T.; Mathur, P.; Segmüller, B. E.; Yang, L. W.
The Role of Sulfido Ligands in the Synthesis of High Nuclearity Metal Carbonyl Cluster Compounds. The Synthesis of $Os_4(CO)_{13}(\mu_3-S)_2$ and $Os_7(CO)_{20}(\mu_4-S)_2$ and Crystal and Molecular Structure of $Os_7(CO)_{20}(\mu_4-S)_2$
Organometallics **1983**, *2*, 1078.
11. Adams, R. D.; Horváth, I. T.; Yang, L. W.
The Synthesis of Open Metal Carbonyl Cluster Compounds. The Reaction of Closo Sulfido Metal Carbonyl Cluster Compounds with H_2S . The Synthesis and Crystal and Molecular Structure of $(\mu_2-H)_2Os_5(CO)_{14}(\mu_3-S)_2$
Organometallics **1983**, *2*, 1257.
12. Adams, R. D.; Horváth, I. T.; Segmüller, B. E.; Yang, L. W.
Metal-Induced Cleavage of Carbon-Sulfur Bonds in Thiolato Ligands. Thermolysis of $(\mu_2-H)Os_3(CO)_{10}(\mu_2-SC_6H_5)$ under CO pressure. The Synthesis and Crystal and Molecular Structure of $Os_4(CO)_{13}(\mu_3-S)$ and $Os_5(CO)_{15}(\mu_4-S)$
Organometallics **1983**, *2*, 1301.
13. Adams, R. D.; Horváth, I. T.; Mathur, P.
Cluster Compounds with Unusual Reactivity. The Synthesis and Molecular Structure of the Electron-Rich Cluster $Os_3W(CO)_{12}(PMe_2Ph)(\mu_3-S)_2$ and Its Dimethylphenyl-phosphine Adduct
J. Am. Chem. Soc. **1983**, *105*, 7202.

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Cluster Condensation Reactions. The Synthesis and Molecular Structure of $\text{Os}_6(\text{CO})_{14}(\mu_2\text{-PPh}_2)(\mu_3\text{-S})(\mu_4\text{-S})$
J. Organometal. Chem. **1984**, 262, 243.
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Unusual Metal-Metal Bonding in Transition Metal Carbonyl Cluster Compounds. The Synthesis, Reactivity and Crystal and Molecular Structure of $[\text{Os}_3(\text{CO})_8(\mu_3\text{-S})_2]_2$
J. Am. Chem. Soc. **1984**, 106, 1869.
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The Synthesis of Sulfido Osmium Carbonyl Cluster Compounds by the Photochemical Decomposition of $\text{HOs}_3(\text{CO})_{10}(\mu_2\text{-SPh})$ and Its Subsequent Reactions with Selected Small Molecules. The Synthesis and Crystal and Molecular Structure of $\text{Os}_3(\text{CO})_9(\mu_3\text{-CO})(\mu_3\text{-S})$
Organometallics **1984**, 3, 548.
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The Synthesis and Crystal and Molecular Structures of $\text{Os}_6(\text{CO})_{19}(\mu_3\text{-S})$ and $\text{Os}_6(\text{CO})_{17}(\mu_4\text{-S})$
Organometallics **1984**, 3, 623.
18. Adams, R. D.; Horváth, I. T.; Mathur, P.
The Unusual Structures and Reactivity of Some Sulfido-Bridged Tungsten-Osmium Carbonyl Cluster Compounds
J. Am. Chem. Soc. **1984**, 106, 6296.
19. Adams, R. D.; Horváth, I. T.; Natarajan, K.
Ligand Substitutions Reactions in Electron Rich Clusters. The Synthesis, Structures and Bonding of $\text{Os}_4(\text{CO})_{12}\text{L}(\mu_3\text{-S})_2$ and $\text{Os}_4(\text{CO})_{11}\text{L}(\mu_3\text{-S})_2$, $\text{L}=\text{PMe}_2\text{Ph}$ and CNBu^t
Organometallics **1984**, 3, 1540.
20. Adams, R. D.; Horváth, I. T.
Selenido Osmium Carbonyl Cluster Compounds. The Structure, Bonding and Reactivity of the Electron-Rich Cluster $\text{Os}_4(\text{CO})_{12}(\mu_3\text{-Se})_2$
Inorg. Chem. **1984**, 23, 4718.
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Synthesis and Crystal and Molecular Structure of the Sulfido-Bridged Platinum-Osmium Cluster Compounds $\text{PtOs}_3(\text{CO})_9\text{L}(\text{PPh}_3)(\mu_3\text{-S})_2$, $\text{L}=\text{CO}$ and PPh_3
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The Importance of Triply Bridging Sulfido Ligands in the Synthesis of Mixed-Metal Clusters: Synthesis and Crystal and Molecular Structure of $\text{Os}_3(\text{CO})_9\text{L}(\text{PPh}_3)(\mu_3\text{-S})_2$, $\text{L}=\text{CO}$ and PPh_3
Inorg. Chem. **1984**, 23, 1728.
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Regiospecific Reactions of Cobalt-Rhodium Mixed-Metal Clusters. Unprecedented, Facile and Reversible Tetranuclear-Dinuclear Transformations Involving Diphenyl-acetylene and/or Carbon Monoxide
Organometallics **1986**, 5, 180.
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Role of Sulfido Ligands in the Synthesis of Heteronuclear Clusters. Synthesis and Crystal and Molecular Structure of $\text{PtOs}_4(\text{CO})_{11}(\text{PMe}_2\text{Ph})_2(\mu_3\text{-S})_2$ and $\text{PtOs}_3(\text{CO})_9(\text{PMe}_2\text{Ph})_2(\mu_3\text{-S})_2$
Inorg. Chem. **1986**, 25, 1617.
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Cobalt-Rhodium Heptacarbonyl: A Coordinatively Unsaturated Dinuclear Metal Carbonyl
Organometallics **1986**, 5, 1441.
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Preferential Retention of the Cobalt-Rhodium Bond in Some Reactions of $\text{Co}_2\text{Rh}_2(\text{CO})_{12}$ and Its Triethylphosphine Substituted Derivatives
Organometallics **1986**, 5, 2333.
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Stoichiometric Hydrogenation and Hydroformylation of Cyclopentene with Cobalt Tetracarbonyl Hydride in the Presence of Hydrogen or Deuterium
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Amidocarbonylation of a Fluoro Olefin Catalyzed by Co-Rh Mixed-Metal Systems. Observation of CoRh(CO)₇
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J. Am. Chem. Soc. **1988**, 110, 150.
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Cat. Lett. **1989**, 2, 85.
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Synthetic Utility of 1-Butenolide-cobalt Complexes: New Pathways for Carbon-Carbon Bond Formation under
Unusually Mild Conditions
J. Chem. Soc., Chem. Commun. **1989**, 426.
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Thioosmium Clusters
Inorg. Synth. **1989**, 26, 303.
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High-Pressure NMR Studies of [(η³-C₅H₅)(η⁵-C₅H₅)Cr(CO)₂]. Evidence for Concerted Ring Interchange
Angew. Chem. Int. Ed. Engl. **1990**, 29, 194.
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J. Am. Chem. Soc. **1990**, 112, 9643.
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Detection of an Alkyl Ethylene Complex during Ethylene Polymerization by a Co(III) Catalyst. Energetics of
the β-Migratory Insertion Reaction
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Activation of Molecular Hydrogen in Cobalt-Catalyzed Hydroformylation
J. Organometal. Chem. **1991**, 417, 65.
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Thermodynamic Parameters for the Formation of Cobalt-Rhodium Heptacarbonyl and Cobalt-Rhodium
Octacarbonyl
Organometallics **1991**, 10, 559.
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New Valve Design for High-Pressure Sapphire Tubes for NMR Measurements
Rev. Sci. Instrum. **1991**, 62, 1104.
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Reversible Arm-Off Dissociation of the Tripodal MeC(CH₂PPh₂)₃ in HRh(CO)[MeC(CH₂PPh₂)₃] under
Hydroformylation Conditions
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Energy & Fuel **1991**, 5, 932.
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An Unexpectedly Strong Chelate Effect in a Cobalt Half-Sandwich Complex with an Intramolecularly
Coordinated C-C Double Bond
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Homogeneous Catalytic Hydrogenation. 6. Synthetic and Mechanistic Aspects of the Regioselective Reduction of Model Coal Nitrogen, Sulfur, and Oxygen Heteroaromatic Compounds Using the (η^5 -Pentamethylcyclopentadienyl)rhodium Tris(acetonitrile) Dication Complex as the Catalyst Precursor
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Hydrodechlorination of Chloroaromatics. Bifunctional Homogeneous Rhodium Catalyst for the Conversion of Chloroaromatics to Saturated Hydrocarbons
J. Chem. Soc., Chem. Commun. **1992**, 806-807.
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Organometallics **1993**, *12*, 8.
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Invited Lectures

1. Heterosite Reactivity of Cobalt/Rhodium Mixed-Metal Clusters, Konigstein Conference II: International Workshop on "The Chemistry of Heteronuclear Clusters and Multimetallic Catalysts, September 7-11, 1987, Taunus, Germany
2. Application of High Pressure IR and NMR for Reaction Monitoring in Catalysis, Symposium on "New Science in Homogeneous Transition Metal Catalyzed Reactions", 199th American Chemical Society Meeting, April 22-27, 1990, Boston, MA, USA
3. Application of High Pressure NMR in Catalysis, New England Catalysis Society, February 26, 1991, Worcester, MA, USA
4. Stationary $\text{BF}_3 \cdot \text{H}_2\text{O}$ Phase Homogeneous Platinum Catalyst for Aromatics Reduction, 1991 Spring Symposium of the Catalysis Club of Philadelphia, May 14, 1991, Philadelphia, PA, USA
5. Application of High Pressure NMR in Mechanistic Inorganic Chemistry and Catalysis, 1991 Gordon Research Conference on Inorganic Chemistry, July 29- August 2, 1991, Brewster Academy, Wolfeboro, NH, USA
6. Stationary $\text{BF}_3 \cdot \text{H}_2\text{O}$ Phase Homogeneous Platinum Catalyst for Aromatics Reduction, Symposium on "Octane and Cetane Enhancement Processes for Reduced Emissions Motor Fuels", 203rd American Chemical Society National Meeting, April 5-10, 1992, San Francisco, CA, USA
7. Application of High Pressure NMR in Organometallic Chemistry and Catalysis, 1991-1992 Samuel M. McElvain Seminar Series, April 14, 1992, University of Wisconsin, Madison, WI, USA
8. Application of High Pressure NMR in Organometallic Chemistry and Catalysis, 1992 US Department of Education Fellowship Symposium, University of Southern California, April 24, 1992, Los Angeles, CA, USA
9. High Pressure NMR Studies on Methane Conversion, New York Academy of Sciences, October 14, 1993, New York, NY, USA
10. Chapters from Organometallic Chemistry, Technical University Budapest and Eotvos University, December 21-22, 1993, Budapest, Hungary
11. Low Temperature Alkane Functionalization, Symposium on "Alkane Functionalization at Metal Centers in Natural and Unnatural Systems", 207th American Chemical Society National Meeting, March 13-18, 1994, San Diego, CA, USA
12. Low Temperature Methane Conversion, Florida Catalysis Conference, April 18-22, 1994, Sheraton Palm Coast, FL, USA
13. Low Temperature Methane Chlorination, International Symposium on Gas Conversion and Utilization, May 9-11, 1994, Annandale, NJ, USA
14. Molecular Engineering in Homogeneous Catalysis, Gordon Research Conference on Organometallic Chemistry, July 24-29, 1994, Holderness, NH, USA
15. Molecular Engineering in Homogeneous Catalysis: One Phase Catalysis Coupled with Biphasic Separation (with J. Rábai, R. A. Cook, K. A. Eriksen, P. A. Stevens, P. J. Guzi, and W. Weissman) NATO ARW on Aqueous Organometallic Chemistry and Catalysis, August 29 - September 1, 1994, Debrecen, Hungary
16. Emerging Concepts for Homogeneous Catalytic Conversion of Light Hydrocarbons, Gordon Research Conference on The Science of Hydrocarbon Resources, November 6-11, 1994, Oahu, HI, USA

17. Fluorous Biphasic Systems: A New Way of Doing Chemistry, 12th Winter Fluorine Conference, January 22-27, 1995, St. Petersburg Beach, FL, USA
18. In Situ Spectroscopic Studies in Hydroformylation of Olefins, ACS Award Symposium for Industrial Chemistry, 209th American Chemical Society National Meeting, April 2-6, 1995, Anaheim, CA, USA
19. Applications of Fluorous Biphasic Systems in Chemistry (with J. Rábai) XXX Hungarian Colloquium on Coordination Chemistry, June 6-8, 1995, Matrahaza, Hungary
20. Fluorous Biphasic Systems: A New Way of Doing Chemistry, 50th Northwest and 12th Rocky Mountain Regional ACS Meeting, June 15-17, 1995, Park City, UT, USA
21. Applications of Fluorous Biphasic Systems in Chemistry (with J. Rábai) Chemical Conference of the Hungarian Chemical Society, August 29-31, 1995, Debrecen, Hungary
22. Facile Catalyst Separation without Water: Fluorous Biphasic Hydroformylation of Olefins, 1995 Autumn Meeting of the Royal Society of Chemistry, September 6-8, 1995, Sheffield, United Kingdom
23. Homogeneous Catalytic Carbonylation Reactions, UNIDO Seminar on Catalytic Processes for the Refining and Petrochemical Industries, November 27 - December 8, 1995, Caracas, Venezuela
24. Transition Metal Biphasic Catalysis, UNIDO Seminar on Catalytic Processes for the Refining and Petrochemical Industries, November 27 - December 8, 1995, Caracas, Venezuela
25. Facile Catalyst Separation by Fluorous Biphasic Systems, 211th American Chemical Society National Meeting, March 24-29, 1996, New Orleans, LA, USA
26. Application of High Pressure IR and NMR in Homogeneous Catalysis, XXIII European Congress on Molecular Spectroscopy, August 25-30, 1996, Balatonfüred, Hungary
27. Fluorous Biphasic Catalysis, Florida Catalysis Conference, April 21-25, 1997, Sheraton Palm Coast, FL, USA
28. Fluorous Biphasic Organometallic Catalysis, 80th Canadian Society for Chemistry Conference, June 1-4, 1997, Windsor, Ontario, Canada
29. Observation of Chemical Intermediates by High Pressure NMR, American Chemical Society, North Jersey Section, NMR Topical Group, September 23, 1997, Woodbridge, NJ, USA
30. Fluorous Biphasic Chemistry: Fundamentals and Applications, International Chemical Conference, December 11-14, 1997, Taipei, Taiwan
31. Chemistry under High CO Pressure, ASI Applied Systems 4th International Forum, May 31-June 3, 1998, Annapolis, MD, USA
32. Molecular Engineering in Catalysis: One Phase Catalysis Coupled with Biphasic Catalyst Separation, 9th International Symposium on Relations Between Homogeneous and Heterogeneous Catalysis, July 20-24, 1998, Southampton, UK
33. Fluorous Biphasic Chemistry, Green Chemistry Gordon Research Conference, August 16-21, 1998, Kimball Union Academy, NH, USA
34. Fluorous Biphasic Chemistry, 216th American Chemical Society National Meeting, August 23-27, 1998, Boston, MA, USA
35. The E-factor in Chemical Research, Development and Innovation Management, NATO Advanced Study Institute on Management of Chemical Research, Development and Innovation, August 31 - September 11, 1998, Budapest, Hungary
36. Combinatorial Chemistry Effecting the Management of Chemical Research, Development and Innovation, NATO Advanced Study Institute on Management of Chemical Research, Development and Innovation, August 31 - September 11, 1998, Budapest, Hungary
37. Molecular Engineering in Homogeneous Catalysis, International Conference on Molecular Engineering in Homogeneous Catalysis in Honors of Professor László Markó on the Occasion of His 70th Birthday, October 16-17, 1998, Veszprém, Hungary
38. Fluorous Biphasic Chemistry, 16th Society of Chemical Industry Process Development Symposium, December 3, 1998, London, UK
39. Biphasic Catalysis for Organic Chemists, New Jersey ACS Organic Tropical Group Meeting, March 29, 1999, Elizabeth College, Madison, New Jersey, USA
40. Application of In Situ Spectroscopy in Catalysis, Dutch IR and Raman Discussion Group Meeting, April 22, 1999, Oegstgeest, The Netherlands
41. The Frontiers of the Environmental Aspects of Inorganic and Organometallic Chemistry, Symposium on Environmental Aspects of Inorganic and Organometallic Chemistry, ACS National Meeting, August 22-24, 1999, New Orleans, Louisiana, USA
42. Aqueous Biphasic Catalysis and Fluorous Biphasic Chemistry, Second Postgraduate Summer School on Green Chemistry, September 6-12, 1999, Venice, Italy

43. Fluorous Biphasic Chemistry, Clean Processes and Environment: The Catalytic Solution, December 6-8, 1999, Lyon, France
44. The Role of Coordination Chemistry in Facile Organometallic Catalyst Separation, XXXIV Conference on Coordination Chemistry, July 9-14, 2000, Edinburgh, United Kingdom
45. Biphasic Catalysis: A Green Approach to Homogeneous Catalyst Recycling, European Research Conference on Inorganic Chemistry, September 2-7, 2000, San Feliu de Guixols, Spain
46. Collaborative Research and Innovation in the USA, Joint AllChemE and Chemical Industry Colloquium, November 29, 2000, Brussels, Belgium
47. In Situ Mechanistic Studies of Friedel-Crafts Acetylation in Ionic Liquids, ACS Symposium on Process Analytical Chemistry in Support of Green Chemistry, ACS National Meeting, April 1-5, 2001, San Diego, CA, USA
48. Fluorous Biphasic Catalysis, Royal Society of Chemistry Annual Conference, July 30 – August 2, 2001, Birmingham, UK
49. Smart Solvents for Carbon Dioxide Based Dimethyl Carbonate Synthesis (with Csihony, S.; Barta, K.; Csámpai, A.), ACS Symposium on Homogeneous Catalysis in the Petroleum and Petrochemical Industry, ACS National Meeting, August 26-30, 2001, Chicago, IL, USA
50. Fluorous Biphasic Catalysis: A Green Approach to Catalyst Recycling, Second European Catalysis Symposium, September 23-26, 2001, Pisa, Italy
51. Fluorous Catalytic Oxidation Chemistry, SFB Symposium on Stoichiometric and Catalytic Activation of Small Molecules by Redox Active Metal Complexes, January 14-15, 2002, Erlangen, Germany
52. Green Chemistry and Combinatorial Approaches, UNIDO Workshop on Technologies and Processes for Sustainable Development and Pollution Reduction/Prevention, January 14-16, 2002, Brno, Czech Republic
53. Sustainable/Green Chemistry in Hungary, UNIDO Workshop on Technologies and Processes for Sustainable Development and Pollution Reduction/Prevention, January 14-16, 2002, Brno, Czech Republic
54. Fluorous Biphasic Chemistry, Symposium on the Challenge of the Novel Technologies in Molecular Chemistry, April 15-18, 2002, Rennes, France
55. Sustainable/Green Chemistry and Chemical Technology, Green Chemistry in Education Workshop, July 20-25, 2002, Eugene, OR, USA
56. The Possible Role of Homogeneous Catalysis in Green Chemistry, 13th International Symposium on Homogeneous Catalysis, September 3-7, 2002, Tarragona, Spain
57. Homogeneous Catalysis in Green Chemistry, 5th Summer School on Green Chemistry, September 8-14, 2002, Venice, Italy
58. Homogeneous Catalysis and Green Chemistry, 2nd EFCAT School of Catalysis, September 25-29, 2002, Tihany, Hungary
59. In situ Spectroscopy for Green Process Design, 4th Green Chemistry Conference, November 11-12, 2002, Barcelona, Spain
60. Industrial and Academic Perspective of Green Chemistry, Green Chemistry in Education Workshop, July 26 – August 1, 2003, Eugene, Oregon, USA
61. Homogeneous Catalysis in Green Chemistry, 6th Summer School on Green Chemistry, August 31 - September 6, 2003, Venice, Italy
62. Conversion of Carbohydrates to Oxygenates and/or Hydrocarbons (with Mehdi, H.; Bodor, A.; Tuba, R.), ACS Symposium on Organometallic Catalysis in Alternative Solvent Systems, 226th ACS National Meeting, September 7-11, 2003, New York, New York, USA
63. Dehydration and Hydrogenation of Carbohydrates with Aqueous Biphasic Catalysts (with Mehdi, H.; Bodor, A.), ACS Symposium on Feedstocks for the Future: Renewables for the Production of Chemicals and Materials, 227th ACS National Meeting, March 28 – April 1, 2004, Anaheim, California, USA
64. The Possible Role of Coordination Chemistry in Sustainable Developments, 15th Summer School on Coordination Chemistry, June 6-10, 2004, Szklarska Poreba, Poland
65. Dehydration and Hydrogenation of Carbohydrates with Aqueous Biphasic Catalysts (with Mehdi, H.; Bodor, A.; Tuba, R.; Mika, L. T.), International Conference on Renewable Resources and Renewable Energy: A Global Challenge, ICS-UNIDO, June 10-12, 2004, Trieste, Italy
66. Homogeneous Catalysis, ACS-PRF Summer School on Green Chemistry, July 31 – August 7, 2004, Pittsburgh, Pennsylvania, USA
67. A Roadmap for Successful Industrial-Academic Collaboration: Integration of Locally Managed Research for Global Technology Development, Euro Science Open Forum, August 25-28, 2004, Stockholm, Sweden

68. Homogeneous Catalysis in Green Chemistry, 7th Summer School on Green Chemistry, September 6-12, 2004, Venice, Italy
69. In situ IR Spectroscopy for Green Process Design, 2004 Mettler-Toledo AutoChem User's Forum, September 12-15, 2004, Cambridge, Maryland, USA
70. Environmental Aspects of Fluorous Catalysis, ACS Symposium on Environmental Applications of Inorganic Chemistry, 229th ACS National Meeting, March 13 –17, 2005, San Diego, California, USA
71. Fluorous Phase Solvents, Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry, June 1 –5, 2005, Tallinn, Estonia
72. COST Chemistry Action D29 in Action, Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry, June 1 –5, 2005, Tallinn, Estonia
73. Changing Designer Issues in Fluorous Chemistry, 1st International Symposium on Fluorous Technologies, July 3 –6, 2005, Bordeaux-Talence, France
74. Why Catalysis, Frontiers in Catalysis Symposium, September 8 – 10, 2005, Visegrád, Hungary
75. Green Organometallic Chemistry, International School of Organometallic Chemistry, September 10-14, 2005, Camerino, Italy
76. Green Organometallic Chemistry, International School of Organometallic Chemistry, September 10-14, 2005, Camerino, Italy
77. Infrared Spectroscopy for Green Process Design, 2005 Mettler-Toledo AutoChem User's Forum, September 18-22, 2005, Flims, Switzerland
78. Aqueous Organometallic Chemistry, New Methodologies and Techniques in Organic Chemistry: Sustainable Development in a Secure Environment, NATO Advanced Study Institute, October 14-23, 2005, Siena – Certosa di Pontignano, Italy
79. Alternatív oldószerek a szerves kémiában, Bruckner-termi előadások, October 28, 2005, Eötvös University, Budapest, Hungary
80. Fluorous Chemistry, CERC3 Young Chemists Workshop on Lanthanide-mediated Organic Reactions, February 8 – 11, 2006, Knokke, Belgium
81. A fenntartható vegyipar alapanyagai, Tudományos ülés a Kémia a fenntartható fejlődés szolgálatában. Mya 10, 2006, Magyar Tudományos Akadémia, Budapest, Hungary
82. How to Design Facile Product Separation for Organic Chemistry in Solution? Bilateral Collaboration in Molecular design and Synthesis, May 10-13, 2006, Leuven, Belgium,
83. γ -Valerolactone: A Sustainable Liquid for Energy and Carbon Based Chemicals, 10th Annual Green Chemistry and Engineering Conference, June 26 – 30, 2006, Washington DC, USA
84. A fenntartható fejlődés szerepe a kémiaoktatásban, XII. Kémiatanári Konferencia, Augusztus 21 – 24, 2006, Veszprém, Hungary
85. Solution to Environmental Problems: Green Chemistry, 8th European Conference on Research in Chemical Education, August 31 – September 1, 2006, Budapest, Hungary
86. Fluoros kétfázisú homogén katalízis, Tudományos ülés a Homogén katalízis: múlt, jelen, jövő. November 7, 2006, Magyar Tudományos Akadémia, Budapest, Hungary
87. Boiling Points. Effecting Chemistry, Technology and Life, PAC Symposium, March 1, 2007, Utrecht, the Netherlands.
88. Green Chemistry, A Molecular Approach to Pollution Prevention, International Society of Pharmacovigilance, Training Course, March 22-23, Budapest, Hungary.
89. Caprolactamium Hydrosulfate: An Ionic Liquid Used as the Reaction Medium for Large Scale Production of Caprolactame for Decades, XII. Blue Danube Conference on Heterocyclic Chemistry, June 10-13, Tihany, Hungary
90. Caprolactamium Hydrosulfate: An Ionic Liquid Used as the Reaction Medium for Large Scale Production of Caprolactame for Decades, 3rd International Conference on Green and Sustainable Chemistry, July 1-5, 2007, Delft, The Netherlands
91. Integration of Homogeneous and Heterogeneous Catalytic Processes for Sustainable Biomass Conversion, 13th International Symposium on Relations Between Homogeneous and Heterogeneous Catalysis, July 16 – 20, 2007, Berkeley, California, USA
92. Gamma-valerolactone: A sustainable liquid for energy and chemicals, Symposium on Feedstocks for the Future II: Renewables for the Production of Chemicals and Materials, The 234th ACS National Meeting, August 19-23, 2007, Boston, MA, USA

93. Sulfur trioxide containing caprolactamium hydrosulfate: An extended ionic liquid for large scale production of caprolactam, Symposium on Green Chemistry and Engineering with Gas Expanded Liquids and Near-Critical Media, The 234th ACS National Meeting, August 19-23, 2007, Boston, MA, USA
94. Integration of Homogeneous and Heterogeneous Catalytic Processes for Sustainable Biomass Conversion, Final Meeting of COST Action D30, October 26, 2007, Bordeaux, France
95. Sustainable Biomass Conversion: Food or Fuels or Chemicals? Symposium on Raw materials for the future: from black to green gold? December 6-7, 2007 Lyon, France
96. Homogeneous catalysis, the E-factor, and the last 1%, A journey in green chemistry and catalysis - A symposium in honour of Roger A. Sheldon, upon the occasion of his retirement, December 6-7, 2007, Delft, The Netherlands
97. Fluorous Biphasic Chemistry, Mini-Symposium on Sustainable Chemistry in an Industrial Context, April 23, 2008, Leuven, Belgium
98. Designing Homogeneous Catalysts for Sustainable Biomass Conversion, 16th International Symposium on Homogeneous Catalysis, July 6-11, 2008, Florence, Italy
99. Sustainable Biomass Conversion: Food or Fuels or Chemicals? 26th Chinese, Chemical Society Congress, July 13-16, 2008, Tianjin, China
100. Sustainability of the Petrochemical Industry, INTERFACES'08, Sustainable Development in Petroleum Refining and Petrochemistry, International Conference, September 24-26, 2008, Sopron, Hungary
101. Solvents from Nature, Symposium on Green Solvents - Progress in Science and Application, September 28 – October 1, 2008, Lake Constance, Friedrichshafen, Germany
102. The Last One Percent: The Greatest Challenge for Green Chemistry, 4th SELCHEM-Network Conference on Catalysis and Synthesis, November 20-21, 2008, Sigtuna, Sweden
103. The Last One Percent: The Greatest Challenge for Green Chemistry, CatchBio Symposium, January 21, 2009, Amsterdam, The Netherlands
104. Gamma-valerolactone: A sustainable liquid for energy and chemicals, International 3-Day Symposium on Catalysis: A Mayor Key to Sustainability, The University of Sydney, April 13-15, 2009, Sydney, Australia
105. Catalytic Processes for Sustainable Biomass Conversion, Summer School on Catalysis, University of Liverpool, July 13-17, 2009, Liverpool, United Kingdom
106. Sustainable Biomass Conversion to Energy and Chemicals, 4th International Conference on Green and Sustainable Chemistry (GSC-4) and the 2nd Asian-Oceanian Conference on Green and Sustainable Chemistry (AOGSC-2), August 20-24, 2009, Beijing, China
107. In situ Infrared Spectroscopy, 13th Asian Chemical Congress (ACC), September 14-16, 2009, Shanghai, China.
108. Challenges for Sustainable Biomass Conversion to Fuels, UBIOCHEM-I, COST Action CM0903, Córdoba, Spain, May, 13-15, 2010
109. Challenges for Sustainable Biomass Conversion to Fuels, Technology Conference on Renewable Energy, Hong Kong, June 25-26, 2010.
110. Challenges for Sustainable Biomass Conversion to Fuels, The Royal Australian Chemical Institute's National Convention, Melbourne, Australia, July 4-8, 2010.
111. Challenges for Sustainable Biomass Conversion to Fuels, Gordon Research Conferences on Green Chemistry, Davidson College, July 25-30, 2010.
112. Sustainable Synthesis of Gamma-valerolactone, Symposium on Direct Cellulose Conversion to Chemicals and Fuels, The 241th ACS National Meeting, March 27-31, 2011, Anaheim, CA, USA
113. Sustainable Conversion of Carbohydrates to Chemicals. Do We Appreciate the Mechanistic Implications? Tailor-Made Fuels from Biomass International Workshop, Aachen, Germany, May 25-26, 2011.
114. Homogeneous Catalytic Conversion of Carbohydrates to Chemicals. Do We Appreciate the Mechanistic Implications? 15th Annual Green Chemistry and Engineering Conference and the 5th International Conference on Green & Sustainable Chemistry, Washington, DC, USA, June 21- 23, 2011.
115. Green Chemistry: The Application of Molecular Designer Tools for Pollution Prevention, 15th International Symposium on Toxicity Assessment, Hong Kong, July 3-8, 2011.
116. Sustainable Conversion of Carbohydrates to Chemicals. Do We Appreciate the Mechanistic Implications? Green Chemistry Leadership Summit and "Green Technologies for Developing Nations" Workshop, Montego Bay, Jamaica, August 16-19, 2011.
117. Heterogenization of Homogeneous Catalytic Systems, EuropaCat X, Glasgow, Scotland, August 28 – September 2, 2011.
118. Sustainable Conversion of Carbohydrates to Chemicals. Do We Appreciate the Mechanistic Implications? 2nd International Conference on Green & Sustainable Chemistry, Singapore, November 13-16, 2011.

119. Evolution and Principles of Green Chemistry, Montego Bay Group Workshop on Advanced Reaction Environments, Hong Kong, November 28-30, 2011
120. The Role of the Reaction Environments, Montego Bay Group Workshop on Advanced Reaction Environments, Hong Kong, November 28-30, 2011
121. Supercritical and Gas Expanded Media, Montego Bay Group Workshop on Advanced Reaction Environments, Hong Kong, November 28-30, 2011
122. Sustainable conversion of carbohydrates to gamma-valerolactone, 3rd Asian-Oceanian Conference on Green and Sustainable Chemistry, Melbourne, Australia, December 5-7, 2011.
123. Do we have enough? Symposium on Sustainable Inorganic Chemistry, The Spring ACS National Meeting, San Diego, CA, USA, March 25-29, 2012.
124. Sustainable Conversion of Carbohydrates to Chemicals. Do We Appreciate the Mechanistic Implications? 2012 Annual Meeting of the Center in Green Chemistry and Catalysis, Université de Montreal, May 10, 2012.
125. Sustainable Conversion of Carbohydrates to Chemicals. Do We Appreciate the Mechanistic Implications? 5th Singapore Catalysis Forum, Biopolis, Singapore, May 18, 2012.
126. Chemistry and Our Future, Annual Meeting of Chinese Chemical Society, Tainan, Taiwan, December 1-2, 2012
127. Conversion of Glucose to 6-Deoxyglucose and 5-Methylfurfural, Award Symposium for Peter Ford, The Spring ACS National Meeting, New Orleans, LA, USA, April 7-11, 2013.
128. Sustainability of Fluorous Chemistry. International Symposium of Fluorous Technologies – IsoFT’13, Budapest, Hungary, June 2-5, 2013.
129. Sustainable Conversion of Carbohydrates to Chemicals and Fuels, UBIOCHEM : 4th International Workshop of COST Action CM0903, Valencia, Spain, October 14-16, 2013.
130. Sustainable Conversion of Carbohydrates of Food and Agricultural Wastes to Chemicals. 4th Asia-Oceania Conference on Green and Sustainable Chemistry (AOC-4 GSC), New Taipei City Hall, Taiwan, November 3 - 6, 2013.
131. Scientific Foundation of Complete Biomass Waste Valorization, COBIOWAVA Workshop, April 28-29, 2014, Budapest University of Technology and Economics, Budapest, Hungary
132. Green or Sustainable or Both? Gordon Research Conferences on Green Chemistry, The Chinese University of Hong Kong, July 27 – August 1, 2014.
133. Green or Sustainable or Suitable Chemistry and Engineering? Sustainable Chemical Technologies Summit, UC Santa Barbara, September 30 – October 1, 2014.
134. The Synthesis and Characterization of Novel Fluorous Ethers and Diethers with Nonafluoro-tert-butoxy Groups, 7th Green Solvents Conference, Dresden, Germany, October 19 - 22 , 2014.
135. Suitable or Green or Sustainable Chemistry? 7th International Conference on Green and Sustainable Chemistry (GSC-7), Tokyo, Japan, July 6-8, 2015.
136. Designer Fluorous Ponytails for Sustainable Fluorous Chemistry, 21st International Symposium on Fluorine Chemistry and the International Symposium on Fluorous Technologies 2015, Como, Italy, August 23-28, 2015.
137. The definition and application of a sustainability indicator for the production of energy and carbon-based chemicals, Pacifichem 2015, Session on “Sustainable Chemistry: Beyond the Bench”, Honolulu, Hawaii, December 15-20, 2015.
138. Biomass-based Chemicals with Environmental Concerns, Pacifichem Conference, Session on “Chemicals of Emerging Environmental Concern: A Global Perspective”, Honolulu, Hawaii, December 15-20, 2015.

Invited Seminars

- 1-5. Activation of Carbon Monoxide and Acetylenes by Cobalt Carbonyls
 October 14, 1982, Boston College, Chestnut Hill, MA, USA
 October 20, 1982, Iowa State University, Ames, IO, USA
 October 28, 1982, University of California, Berkeley, CA, USA
 October 29, 1982, California State University, Northridge, CA, USA
 November 14, 1982, Smith, Kline & French Co., Philadelphia, PA, USA
- 6-10. Systematics of the Synthesis and Reactivity of Sulfido Osmium Carbonyl Clusters
 April 16, 1984, University of Munchen, Munchen, Germany
 April 26, 1984, Veszprém University, Veszprem, Hungary
 May 3, 1984, Budapest Polytechnic University, Budapest, Hungary
 May 10, 1984, Swiss Federal Institute of Technology, Zurich, Switzerland
 May 14, 1984, University of Amsterdam, Amsterdam, The Netherlands

11. Some Recent Results on the Chemistry of Co-Rh Mixed-Metal Carbonyl Compounds January 13, 1985, Veszprém University, Veszprém, Hungary
- 12-14. Preferential Retainment of the Heteronuclear Metal-Metal Bonds in Some Reactions of $\text{Co}_2\text{Rh}_2(\text{CO})_{12}$
 March 25, 1985, University of Milan, Milan, Italy
 March 26, 1985, University of Torino, Torino, Italy
 March 29, 1985, University of Pisa, Pisa, Italy
15. Synthesis and Reactivity of Mixed Metal Complexes
 December 8, 1986, State University of New York, Stony Brook, NY, USA
- 16-25. Synthesis, Reactivity and Catalytic Activity of Cobalt-Rhodium Mixed-Metal Clusters
 March 24, 1987, Yale University, New Haven, CT, USA
 March 30, 1987, Lawrence Berkeley Laboratory, Berkeley, CA, USA
 April 1, 1987, California State University, Northridge, CA, USA
 April 14, 1987, University of South Carolina, Columbia, SC, USA
 April 22, 1987, University of Cincinnati, Cincinnati, OH, USA
 April 23, 1987, The Ohio State University, Columbus, OH, USA
 April 24, 1987, Exxon Research & Engineering Company, Annandale, NJ, USA
 May 13, 1987, Swiss Federal Institute of Technology, Zürich, Switzerland
 March 24, 1988, University of South Florida, Tampa, FL, USA
 March 25, 1988, University of Miami, Coral Gables, FL, USA
- 26-29. Application of High Pressure IR and NMR in Mechanistic Studies of Hydroformylation
 February 16, 1989, Virginia Tech, Blacksburg, VA, USA
 February 22, 1989, University of California, Los Angeles, CA, USA
 February 23, 1989, Lawrence Berkeley Laboratory, Berkeley, CA, USA
 February 24, 1989, Stanford University, Stanford, CA, USA
30. Application of High Pressure NMR in Mechanistic Organometallic Chemistry
 November 10, 1989, Texas A&M University, College Station, TX, USA
31. Hydroformylation of Olefins with $\text{HRh}(\text{CO})[\text{P}(\text{m-C}_6\text{H}_4\text{SO}_3\text{Na})_3]_3$ in Biphasic and Supported Aqueous Phase. Is It Really Aqueous?
 May 26, 1990, Lawrence Berkeley Laboratory, Berkeley, CA, USA
- 32-33. Application of High Pressure IR and NMR in Organometallic Chemistry and Homogeneous Catalysis
 October 24, 1990, University of Maryland, College Park, MD, USA
 November 7, 1990, University of Delaware, Newark, DE, USA
- 34-37. Stationary Liquid Phase Homogeneous Transition Metal Catalysis
 February 6, 1991, University of California, Irvine, CA, USA
 February 8, 1991, University of California, San Diego, CA, USA
 February 11, 1991, California Institute of Technology, Pasadena, CA, USA
 February 12, 1991, University of California, Los Angeles, CA, USA
- 38-39. Application of Homogeneous Transition Metal Catalysis for Environmental Problems
 December 10, 1991, Yale University, New Haven, CT, USA
 April 10, 1992, College of St. Thomas, St. Paul, MN, USA
- 40-41. Application of High Pressure NMR in Organometallic Chemistry and Catalysis
 April 13, 1992, University of Minnesota, Minneapolis, MN, USA
 April 23, 1992, University of California, Irvine, CA, USA
42. Low Temperature Chlorination of Methane by Aqueous Platinum Chlorides
 August 4, 1992, University of Washington, Seattle, WA, USA
- 43-46. Application of High Pressure NMR in Organometallic Chemistry and Catalysis
 October 28, 1992, University of Syracuse, Syracuse, NY, USA
 November 10, 1992, State University of New York, Albany, NY, USA
 November 11, 1992, Rensselaer Polytechnic Institute, Troy, NY, USA
 November 27, 1992, Veszprém University, Veszprém, Hungary
47. Low Temperature Homogeneous Platinum-Catalyzed Chlorination of Methane
 November 30, 1992, Technische Universität München, München, Germany
- 48-51. Application of High Pressure NMR in Organometallic Chemistry and Catalysis
 December 1, 1992, Universität München, München, Germany
 December 3, 1992, University of Utrecht, Utrecht, The Netherlands
 December 4, 1992, University of Amsterdam, Amsterdam, The Netherlands

- December 7, 1992, Shell Central Research, Amsterdam, The Netherlands
52. Stationary Liquid Phase Homogeneous Catalysis
December 8, 1992, University of Lille, Lille, France
- 53-55. Application of High Pressure NMR in Organometallic Chemistry and Catalysis
December 10, 1992, Universite Louis Pasteur, Strasbourg, France
December 11, 1992, Universitat Heidelberg, Heidelberg, Germany
December 14, 1992, Swiss Federal Institute of Technology, Zurich, Switzerland
- 56-57. Stationary Liquid Phase Homogeneous Catalysis
December 16, 1992, University of Pisa, Pisa, Italy
December 17, 1992, University of Bologna, Bologna, Italy
58. Low Temperature Homogeneous Platinum-Catalyzed Chlorination of Methane
December 21, 1992, Technische Universitat Wien, Wien, Austria
59. Low Temperature Chlorination of Alkanes with Homogeneous Platinum Catalysts
May 31, 1993, Texas A&M University, College Station, TX, USA
60. Application of Homogeneous Transition Metal Catalysis for Environmental Problems
September 16, 1993, KKKI, Budapest, Hungary
- 61-62. High Pressure NMR Spectroscopy
September 17, 1993, Eötvös University, Budapest, Hungary
October 28, 1993, Rutgers at Newark, NJ, USA
- 63-68. Application of High Pressure NMR in Organometallic Chemistry and Catalysis
December 14, 1993, University of Konstanz, Konstanz, Germany
December 16, 1993, University of Innsbruck, Innsbruck, Austria
January 18, 1994, University of Pennsylvania, Philadelphia, PA, USA
March 18, 1994, University of California, Berkeley, CA, USA
March 21, 1994, Los Alamos National Laboratory, Los Alamos, NM, USA
March 25, 1994, Utah State University, Logan, UT, USA
- 69-71. Molecular Engineering in Homogeneous Catalysis: One Phase Catalysis Coupled with Biphasic Separation
September 2, 1994, Eotvos University, Budapest, Hungary
September 5, 1994, Veszprem University, Veszprem, Hungary
September 28, 1994, Elf Atochem North America, King of Prussia, Pennsylvania, USA
- 72-77. Fluorous Biphasic Systems: A New Way of Doing Chemistry
November 3, 1994, University of Utah, Salt Lake City, Utah, USA
December 19, 1994, University of Innsbruck, Innsbruck, Austria
December 21, 1994, Richter Gedeon Ltd., Budapest, Hungary
March 28, 1995, Los Alamos National Laboratory, Los Alamos, NM, USA
May 2, 1995, Columbia University, New York, NY, USA
September 3, 1995, University of St. Andrews, St. Andrews, United Kingdom
78. Molecular Engineering in Homogeneous Catalysis
September 8, 1995, Leicester University, Leicester, United Kingdom
- 79-80. Application of High Pressure NMR in Organometallic Chemistry and Catalysis
September 11, 1995, University of Cambridge, Cambridge, United Kingdom
September 12, 1995, Oxford University, Oxford, United Kingdom
- 81-84. Fluorous Biphasic Systems: A New Way of Doing Chemistry
September 14, 1995, University of Utrecht, Utrecht, The Netherlands
September 15, 1995, DSM Research, Geleen, The Netherlands
May 7, 1996, University of New Hampshire, Durham, NH, USA
May 9, 1996, Dartmouth College, Hanover, NH, USA
- 85-86. Molecular Engineering in Homogeneous Catalysis
October 29, 1996, Max-Planck-Institut für Kohlenforschung, Mulheim, Germany
October 30, 1996, University of Rostock, Rostock, Germany
87. Carbonylation of Methane in Superacids
January 15, 1997, Eötvös University, Budapest, Hungary
- 88-90. Fluorous Biphasic Chemistry: Fundamentals and Applications
December 15, 1997, Osaka University, Osaka, Japan
December 16, 1997, Kyoto University, Kyoto, Japan

- December 17, 1997, Nagoya University, Nagoya, Japan,
 90-91. Facile and Selective Carbonylation of Methane
 December 18, 1997, National Institute of Materials and Chemical Research, Tsukuba
 December 19, 1997, University of Tokyo, Tokyo, Japan
 92. Fluorous Biphase Chemistry: Fundamentals and Applications
 April 6, 1998, Cornell University, Ithaca, NY, USA
 93. Molecular Engineering in Homogeneous Catalysis
 April 21, 1998, Institute of Isotopes, Budapest, Hungary
 94. Application of In Situ Spectroscopy in Catalysis
 April 21, 1999, DSM Research, Geleen, The Netherlands
 95. Application of In Situ Spectroscopy in Catalysis
 April 23, 1999, Delft University of Technology, Delft, The Netherlands
 96. Application of In Situ Spectroscopy in Catalysis
 April 23, 1999, Shell Research, Amsterdam, The Netherlands
 97. Molecular Engineering in Homogeneous Catalysis
 May 28, 1999, Johnson Matthey, West Deptford, New Jersey, USA
 98. Molecular Engineering in Catalysis
 June 3, 1999, GE Corporate Research and Development, Schenectady, New York, USA
 99. Recent Advances in Homogeneous Hydroformylation and Carbonylation Catalysis.
 June 7, 1999, Exxon Corporate Research, Annandale, New Jersey, USA
 100. Molecular Engineering in Catalysis
 June 18, 1999, DSM Research, Geleen, The Netherlands
 101. Molecular Engineering in Catalysis
 June 21, 1999, Technical University of Munich, Garching, Germany
 102. Application of In Situ Spectroscopy in Catalysis
 August 31, 1999, University of Warwick, Warwick, United Kingdom
 103. Application of In Situ Spectroscopy in Catalysis
 September 1, 1999, Johnson Matthey Ltd., Royston, United Kingdom
 104. Application of In Situ Spectroscopy in Catalysis
 September 2, 1999, BP Chemicals, Hull, United Kingdom
 105. Application of In Situ Spectroscopy in Catalysis
 September 3, 1999, Nottingham University, Nottingham, United Kingdom
 106. Application of In-situ NMR and IR Spectroscopy in Homogeneous Catalysis at High Pressures
 October 21, 1999, Swiss Federal Institute of Technology, ETH, Zurich, Switzerland
 107. Fluorous Biphase Chemistry
 November 10, 1999, New York University, New York, USA
 108. Zöld Kémia (Green Chemistry)
 March 8, 2000, Debrecen University, Debrecen, Hungary
 109. Fluorous Biphase Chemistry
 March 20, 2000, California Institute of Technology, Pasadena, CA, USA
 110. Fluorous Biphase Chemistry: A Green Approach to Reagent and Catalyst Recycling
 March 21, 2000, University of Southern California, Los Angeles, CA, USA
 111. Fluorous Biphase Chemistry: A Green Approach to Reagent and Catalyst Recycling
 March 22, 2000, University of California, Santa Barbara, CA, USA
 112. Fluorous Biphase Chemistry
 August 21, 2000, Royal Institute of Technology, Stockholm, Sweden
 113. Fluorous Biphase Chemistry
 August 22, 2000, Uppsala University, Uppsala, Sweden
 114. Fluorous Biphase Chemistry
 August 24, 2000, Lund University, Lund, Sweden
 115. Fluorous Biphase Chemistry
 August 25, 2000, The Technical University of Denmark, Lyngby, Denmark
 116. Zöld Kémia (Green Chemistry)
 October 25, 2000, Szeged University, Szeged, Hungary
 117. Application of In Situ Spectroscopy in Catalysis
 October 30, 2000, Celanese Chemicals, Oberhausen, Germany

118. Fluorous Biphasic Chemistry: A Green Approach to Facile Reagent and Catalyst Recycling
October 31, 2000, Bayer AG, Leverkusen, Germany
119. Application of In Situ Spectroscopy in Catalysis
November 2, 2000, RWTH, Aachen, Germany
120. Green Chemistry: A Molecular Approach to Pollution Prevention
May 10, 2001, Comenius University, Bratislava, Slovakia
121. The Application of Green Solvents in Chemical Processes
September 4, 2001, University of Lausanne, Switzerland
122. Green Chemistry
October 18, 2002, Institut für Technische Chemie, Forschungszentrum Karlsruhe, Karlsruhe, Germany
123. Green Chemistry: A Molecular Approach to Pollution Prevention
February 21, 2003, University of Miami, Coral Gables, Florida, USA
124. Green Chemistry: A Molecular Approach to Pollution Prevention
February 24, 2003, Tulane University, New Orleans, Louisiana USA
125. Green Chemistry: A Molecular Approach to Pollution Prevention
February 26, 2003, Rice University, Houston, Texas, USA
126. Green Chemistry: A Molecular Approach to Pollution Prevention
February 27, 2003, Los Alamos National Laboratory, Los Alamos, New Mexico, USA
127. Conversion of Carbohydrates to Oxygenates and/or Hydrocarbons
April 11, 2003, Südzucker AG, Obrigheim/Pfalz, Germany
128. Molecular Engineering in Homogeneous Catalysis
June 18, 2003, Forschungszentrum Karlsruhe, Germany
129. The Application of In Situ Spectroscopy in Homogeneous Catalysis
June 23, 2003, Forschungszentrum Karlsruhe, Germany
130. The Possible Role of Homogeneous Catalysis in Green Chemistry
June 24, 2003, Forschungszentrum Karlsruhe, Germany
131. In situ Spectroscopy for Green Process Design,
September 11, 2003, 3M Center, Minneapolis, Minnesota, USA
132. In situ Spectroscopy for Green Process Design,
September 12, 2003, Dow Pharma, Midland, MI, USA
133. In situ Spectroscopy for Green Process Design,
September 15, 2003, Firmenich, Port Newark, NJ, USA
134. In situ Spectroscopy for Green Process Design,
September 16, 2003, Rohm and Haas Company, Spring House, PA, USA
135. In situ Spectroscopy for Green Process Design,
September 19, 2003, Shell Chemical LP, Houston, TX, USA
136. Table Sugar to Chemical by Catalysis,
February 11, 2004, Université de Rennes 1, Rennes, France
137. Green Chemistry: A Molecular Approach to Pollution Prevention
February 13, 2004, Université Pierre et Marie Curie, Paris, France
138. Designer Solvents for Organic Synthesis and Catalysis
March 23, 2004, California Institute of Technology, Pasadena, CA, USA
139. Conversion of Carbohydrates to Chemical by Catalysis
March 25, 2004, University of California, Irvine, CA, USA
140. Designer Solvents for Organic Synthesis and Catalysis
March 26, 2004, Stanford University, Stanford, CA, USA
141. Green Chemistry
August 4, 2004, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA
142. Application of Homogeneous Catalysis in Green Chemistry
August 24, 2004, University of Stockholm, Stockholm, Sweden
143. Green Chemistry: A Molecular Approach to Pollution Prevention
November 15, 2004, University of Ottawa, Ottawa, Canada
144. Green Chemistry: A Molecular Approach to Pollution Prevention
November 16, 2004, Queen's University, Kingston, Canada
145. Green Chemistry: A Molecular Approach to Pollution Prevention
November 17, 2004, McGill University, Montreal, Canada

146. Green Chemistry: A Molecular Approach to Pollution Prevention
November 22, 2004, US Naval Research Laboratory, Washington D.C., USA
147. Green Chemistry
April 13, 2005, Katholic University of Leuven, Leuven, Belgium
148. Fluorous Chemistry
April 13, 2005, Katholic University of Leuven, Leuven, Belgium
149. Molecular Engineering in Catalysis
April 15, 2005, Katholic University of Leuven, Leuven, Belgium
150. Green Chemistry: A Molecular Approach to Pollution Prevention
September 14, 2005, Universita di Roma "Tor Vergata", Roma, Italy
151. Challenges and Concepts in Sustainable Chemistry
September 16, 2005, University of Florence, Florence, Italy
152. In Situ Spectroscopy in Catalysis
January 13, 2006, University of Zaragoza, Zaragoza, Spain
153. Molecular Designer Issues in Homogeneous Catalysis for Green Chemistry
January 31, 2006, Texas A&M University, College Station, Texas, USA
154. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
February 2, 2006, Tulane University, New Orleans, Louisiana, USA
155. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
May 15, 2006, Leiden University, Leiden, The Netherlands
156. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
May 19, 2006, Karl-Franzens-Universitat Graz, Graz, Austria
157. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
October 24, 2006, BASF, Ludwigshafen, Germany
158. Fluorous Chemistry
November 7, 2006, Hungarian Academy Sciences, Budapest, Hungary
159. Gamma-Valerolactone: A Sustainable Liquids for Energy and Carbon Based Chemicals.
January 8, 2007, ExxonMobil Corporate Strategic Research, Annandale, New Jersey
160. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
January 11, 2007, Brooklyn College, New York, New York
161. Green Chemistry: A Molecular Approach to Pollution Prevention
May 15, 2007, University of Bordeaux 2, Bordeaux, France
162. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
May 16, 2007, University of Bordeaux 1, Bordeaux, France
163. Molecular Engineering in Homogeneous Catalysis
May 23, 2007, University of Bordeaux 1, Bordeaux, France
164. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
May 25, 2007, Laboratoire de Chimie de Coordination du CNRS, Toulouse, France
165. Gamma-Valerolactone: A Sustainable Liquid for Energy and Carbon-Based Products
June 18, 2007, Huntsman Advanced Technology Center, The Woodlands, Texas, USA
166. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
July 26, 2007, University of Tokyo, Tokyo, Japan
167. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
July 27, 2007, National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan
168. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
July 26, 2007, City University of Hong Kong, Hong Kong

169. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
October 17, 2007, CPE Lyon, Villeurbanne, France
170. Sustainable Biomass Conversion: Food or Fuels or Chemicals?
October 24, 2007, University of Bordeaux 1, Bordeaux, France
171. In Situ Spectroscopy in Catalysis
October 25, 2007, University of Bordeaux 1, Bordeaux, France
172. Challenges for Sustainable Developments: Energy, Carbon Based Products, Pollution Prevention, & Society
October 17, 2007, CPE Lyon, Villeurbanne, France
173. Development and Applications of Sustainable Solvents
December 10, 2007, BASF AG, Ludwigshafen, Germany
174. Sustainable Biomass Conversion: Food or Fuels or Chemicals?
December 11, 2007, DSM Research, Geleen, The Netherlands
175. Gamma-Valerolactone: A Sustainable Liquid for Energy and Carbon Based Chemicals
February 6, 2008, Universite de Rennes 1, Rennes, France
176. Designing Homogeneous Catalysts for Sustainable Biomass Conversion
July 17, 2008, Tsinghua University, Beijing, China
177. Gamma-Valerolactone: A Sustainable Liquid for Energy and Carbon Based Chemicals
July 17, 2008, Institute of Process Engineering of the Chinese Academy of Sciences, Beijing, China
178. The Gamma-Valerolactone Economy
July 24, 2008, RWTH Aachen, Aachen, Germany
179. Molecular Design Issues in Homogeneous Catalysis for Sustainable Chemistry and Technology,
October 30, 2008, City University of Hong Kong, Hong Kong
180. Green Chemistry: A Molecular Approach to Pollution Prevention
October 31, 2008, City University of Hong Kong, Hong Kong
181. The Gamma-Valerolactone Economy
July 16, 2009, University of Nottingham, United Kingdom
182. In situ Infrared Spectroscopy
September 17, 2009, Shanghai Institute of Organic Chemistry, Shanghai, China
183. Sustainability of the Conversion of Carbohydrates to Biofuels and Fluorous Chemistry
March 26, 2010, Texas A&M University, College Station, Texas, USA
184. Challenges for Sustainable Biomass Conversion to Fuels
March 31, 2010, ExxonMobil Corporate Strategic Research, Annandale, New Jersey, USA
185. Challenges for Sustainable Biomass Conversion to Fuels
May 10, 2010, ETH-Zurich, Switzerland
186. In Situ Spectroscopy for Green Process Design
July 9, 2010, Monash University, Clayton, Victoria, Australia
187. Challenges for Sustainable Biomass Conversion to Fuels
September 22, 2010, Hong Kong University of Science and Technology, Hong Kong
188. Challenges for Sustainable Biomass Conversion to Fuels
October 16, 2010, Karl-Franzens-University Graz, Graz, Austria
189. Application of Green Chemistry for the Development of Sustainable Energy and Chemicals
May 11, 2011, The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong
190. Sustainable Conversion of Carbohydrates to Chemicals. Do We Appreciate the Mechanistic Implications?
August 15, 2011, ExxonMobil Corporate Strategic Research, Annandale, New Jersey, USA
191. Sustainable Conversion of Carbohydrates to Chemicals
March 21, 2012, University of California, Berkeley, California, USA
192. Sustainable Conversion of Carbohydrates to Chemicals
March 22, 2012, University of California, Santa Barbara, California, USA
193. Sustainable Conversion of Carbohydrates to Chemicals
March 30, 2012, Yale University, CT, USA
194. Evolution of Green Chemistry
October 18, 2012, Hong Kong University of Science and Technology, Hong Kong
195. Catalysis: The Art of Molecular Control
November 29, 2012, Academia Sinica, Taipei, Taiwan

196. Sustainable and Green Chemistry
November 30, 2012, National Tsing Hua University, Hsinchu, Taiwan,
197. Sustainability and Sustainable Conversion of Carbohydrates,
April 3, 2013, Budapest University of Technology and Economics, Budapest, Hungary
198. Sustainability and Sustainable Conversion of Carbohydrates,
April 12, 2013, Brooklyn College, New York
199. Sustainability and Sustainable Conversion of Carbohydrates,
April 3, 2013, Stony Brook University, New York, NY
200. Sustainability and Sustainable Conversion of Carbohydrates,
April 3, 2013, Columbia University, New York, NY
201. Fluorous Chemistry
May 31, 2013, University of Zurich, Zurich, Switzerland
202. Sustainable Conversion of Carbohydrates to Chemicals and Fuels
August 28, 2013, National University of Singapore, Singapore
203. Gamma-valerolactone (GVL) Economy
November 22, 2013, Budapest University of Technology and Economics, Budapest, Hungary
204. General framework for project development of “Complete Biomass Waste Valorization”
April 24, 2014, Bayer MaterialScience, Leverkusen, Germany
205. Sustainable Conversion of Carbohydrates to Chemicals and Fuels
September 29, 2014, University of California, Santa Barbara, California
206. Green or Sustainable or Suitable Chemistry and Engineering?
October 16, 2014, Bayer MaterialScience, Leverkusen, Germany
207. Sustainable Conversion of Biomass to Chemicals: Green or Sustainable or Suitable?
October 17, 2014, RWTH Aachen, Aachen, Germany
208. Green or Sustainable or Suitable Chemistry and Engineering?
December 19, 2014, ComCIX Inc., Budapest, Hungary
209. Development of Green and Sustainable Chemistry
April 28, 2015, University of California, Santa Barbara, California
210. Development of Green and Sustainable Chemistry
June 2, 2015, University of Hong Kong, Hong Kong
211. Sustainable Conversion of Biomass to Chemicals: Cooking or Art or Science?
November 17, 2015, Stratingh Institute, University of Groningen, Groningen, The Netherlands
212. Sustainable Conversion of Biomass to Chemicals: Cooking or Art or Science?
November 24, 2015, RWTH Aachen, Aachen, Germany
213. Sustainable Conversion of Biomass to Chemicals: Cooking or Art or Science?
November 30, 2015, University of Innsbruck, Innsbruck, Austria
214. Sustainable Conversion of Biomass to Chemicals: Cooking or Art or Science?
November 24, 2015, École Polytechnique Fédérale de Lausanne, Lausanne, December 1, 2015