Schedule of Presentations

Friday, January 22

3:30 PM CHECK-IN AND ROOM ASSIGNMENTS

5:30 – 6:30 SOCIAL HOUR

6:30 - 7:30 DINNER

SESSION I

Presider: Petra van Koppen

7:40 - 8:10 “Guided Ion Beam Studies of Cr$^+$ + CS$_2$ and Cr$^+$ + COS” C. Rue and P. B. Armentrout, University of Utah, Salt Lake City, UT.

8:10 - 8:40 “Testing the Limits of Density Functional Theory with Transition Metal Ion Chemistry” Jason K. Perry, Petra van Koppen and Michael T. Bowers, University of California, Santa Barbara, CA.

8:40 – 9:10 “Absolute Alkali Metal Ion Binding Affinities of Azines Determined by Threshold Collision-Induced Dissociation” M. T. Rodgers and E. R. Amunugama, Wayne State University, Detroit, MI.

9:10 – 9:40 “Co(CH$_4$)$_n$$^+$ Clusters Revisited” Qiong Zhang, Paul R. Kemper, Juliet Znovena and Michael T. Bowers, University of California, Santa Barbara, CA.
9:40 - 10:30  DRINKS AND DISCUSSION
Saturday, January 23

8:00 - 8:30     BREAKFAST

SESSION II     Presider: Mary T. Rodgers

8:30 – 9:00     “Rearrangement and Decomposition of Hydroxylated Carbocations” Phil Mayer and Tom Morton, University of California, Riverside, CA.

9:00 - 9:30     “Neutralization of Ions in Low Energy Ion-Surface Collisions” Arpad Somogyi, Vince Angelico, Diane Boland and Vicki Wysocki, University of Arizona, Tucson, AZ.

9:30 – 10:00    “Collision-Induced Dissociation Study of the OCSC_2H_2^+ Complex” Felician Muntean and Peter B. Armentrout, University of Utah, Salt Lake City, UT.

10:00 - 10:20   BREAK

10:20 - 10:50   “Combining Capillary Electrophoresis with MALDI-FTMS” Carlito B. Lebrilla, Jun Liu and Ken Tseng, University of California, Davis, CA.


11:20 - 11:50   “Salt Bridges or Charge Solvation: Some Results on Simple Amino Acids.” Matthias Witt, Thomas Wyttenbach and Michael T. Bowers, University of California, Santa Barbara, CA.

12:00 - 2:30    LUNCH AND FREE TIME
SESSION III  Presider: Evan R. Williams


3:00 - 3:30  “The Nature of Chiral Recognition in Guest Exchange Reactions of Cyclodextrins.” Javier Ramirez, Fei He, Gabriela Grigorean, Seong He Ahn, Carlito B. Lebrilla, University of California, Davis, CA.

3:30 – 4:00  “Cyclic Fluoronium Ions” Tom Shaler, Viet Nguyen and Tom Morton, University of California, Riverside, CA.

4:00 - 4:30  BREAK

4:30 – 5:00  “Copper Ion Binding with Dimethyl Ether and 12-Crown-4” Hideya Koizumi, Xiaoguang Zhang, and Peter B. Armentrout, University of Utah, Salt Lake City, UT.

5:00 - 5:30  “Acid-Base Chemistry in the Gas Phase: Energetics of Salt-Bridge Formation” Eric F. Strittmatter, Richard L. Wong and Evan R. Williams, University of California, Berkeley, CA.

5:30 – 6:00  “Valinomycin: A Biologically Important K\textsuperscript{+} Transport Host” Thomas Wyttenbach and Michael T. Bowers, University of California, CA.

6:30 - 8:00  DINNER

8:00 - 9:00  SATURDAY EVENING LECTURE

“Going With the Flow”, Charles H. DePuy, University of Colorado, Boulder, CO

9:00 - 12:00  PARTY
Sunday, January 24

8:00 – 9:00  BREAKFAST

SESSION IV  Presider: Carlito B. Lebrilla

9:00 - 9:30  “Surface-Induced Dissociation of Surfactants” Linda Breci and Vicki Wysocki, University of Arizona, Tucson, AZ.


10:00 - 10:30  BREAK

10:30 – 11:00  “Reactions of Iron Cluster Ions with Ammonia and Methane” Rohana Liyanage, Xiaoguang Zhang, James B. Griffin, and Peter B. Armentrout, University of Utah, Salt Lake City, UT.

11:00 – 11:30  “The Use of Immobilized Substrates for Molecular Recognition.” Ken Tseng, Hao Wang and Carlito B. Lebrilla, University of California, Davis, CA.

11:30 - 12:00  CHECK OUT

12:00 - 1:00  LUNCH AND DEPART
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1999 Conference on Ion Chemistry and Mass Spectrometry
January 22–24, 1999
UCLA, Conference Center Lake Arrowhead, California

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