Schedule of Presentations

Friday, January 28

3:30 PM CHECK-IN AND ROOM ASSIGNMENTS
5:30 – 6:30 SOCIAL HOUR
6:30 - 7:30 DINNER

SESSION I  Presider: Mary T. Rodgers
7:40 - 8:05 “Dynamics of a CID Process: Cr(CO)₆⁺⁺”, Felician Muntean and P. B. Armentrout, University of Utah, Salt Lake City, UT.
8:05 - 8:30 “A Reappraisal of the Photochemistry of the O₂⁺ Ion in the Lower Ionosphere”, Laurence Angel and Kent M. Ervin, University of Nevada, Reno, NV.
9:20 – 9:45 “Ion-Molecule Complexes of Bridgehead Halides”, Colleen K. Regan and John I. Brauman, Stanford University, Stanford, CA.
9:45 – 11:00 POSTER SESSION, DRINKS AND DISCUSSION
POSTER PRESENTATIONS


3. “Molecular Bondage: Determination of the Mutual Binding Sites in Binary and Ternary Complexes of p19 Tumor Suppressor Protein, Cyclin-Dependent Kinase 6, and Cyclin D2 (the Control Step for Cell Division) by Solution-Phase H/D Exchange and ESI FT-ICR Mass Spectrometry”, Fei He and Alan G. Marshall, National High Magnetic Field Laboratory, Tallahassee, FL.


5. “Lithium and Sodium Binding Affinities of Glycine and its Components”, Bob Moision and P. B. Armentrout, University of Utah, Salt Lake City, UT.

6. “Activation of Methane by W””, Saeyoung Shin, Rohana Liyanage, and P. B. Armentrout, University of Utah, Salt Lake City, UT.


8. “Reactivity and Thermochemistry of Methane with Single Platinum Ions”, Xiao-Guang Zhang, Rohana Liyanage, and P. B. Armentrout, University of Utah, Salt Lake City, UT.

Saturday, January 23

8:00 - 8:30 BREAKFAST

SESSION II  Presider: David V. Dearden


8:55 - 9:20 “Extraction and Assignment of Gas-Phase H/D Exchange Site-Specific Rate Constants: Application to Dipeptides”, Fei He, Michael A. Frietas, and Alan G. Marshall, National High Magnetic Field Laboratory, Tallahassee, FL.


9:45 – 10:10 “Enhanced Cleavage at Protonated Histidine”, Vicki H. Wysocki, George Tsaprainis, Wendy Zhong, and Hari Nair, University of Arizona, Tucson, AZ.

10:10 - 10:20 BREAK

10:20 - 10:45 “Chiral Selectivity of Amino Acids with Cyclic and Linear Oligosaccharide Hosts”, Seonghee Ahn and Carlito B. Lebrilla, University of California, Davis, CA.

10:45 - 11:10 “Cations from Tritium Decay: Neutral Products from Their Gas Phase Reactions with Allyl Trimethyl Silane”, Philip S. Mayer and Thomas H. Morton, University of California, Riverside, CA.


11:35 – 12:00 “Separation of Peptides by Using Capillary Electrophoresis with MALDI FT-MS”, Jun Liu and Carlito B. Lebrilla, University of California, Davis, CA.

12:00 - 2:30 LUNCH AND FREE TIME
SESSION III  Presider: J. C. Poutsma

2:55 - 3:20  “Dipolar Effects on the Acidity of Carboxylic Acids”, Jianhua Ren and Robert R. Squires, Purdue University, West Lafayette, IN.
3:45 - 4:10  “Enthalpies of Formation of Biradicals, Carbenes, and Carbynes”, Brian T. Hill, Harvey A. Lardin, Paul G. Wenthold, and Hilkka I. Kenttämaa, Purdue University, West Lafayette, IN.
4:10 - 4:25  BREAK
4:25 – 5:00  “The Reaction of Vibrationally State-Selected Ammonia Ions with Methylamine”, Jonathon E. Flad, J. C. Poutsma, M. E. Everest, and R. N. Zare, Stanford University, Stanford, CA.
5:00 - 5:25  “Thermochemistry of Nitriles from Collision-Induced Dissociation Threshold Measurements”, Paul G. Wenthold, Purdue University, West Lafayette, IN.
5:25 – 5:50  “The C-H Bond Dissociation Energies of Naphthalene”, Harvey A. Lardin, Paul G. Wenthold, and Robert R. Squires, Purdue University, West Lafayette, IN.
5:50 – 6:15  “Gas Phase Acidity and Bond Dissociation Energy of Diacetylene”, Kent M. Ervin and Yang Shi, University of Nevada, Reno, NV.

6:30 - 8:00  DINNER

8:00 - 9:00  SATURDAY EVENING

“CELEBRATION OF THE LIFE AND CAREER OF ROBERT R. SQUIRES”

Presider: Jack Beauchamp

Hilkka Kenttämaa
Veronica M. Bierbaum
Jun Hu
Susan Graul
Lee S. Sunderlin

9:00 - 12:00  PARTY

Sunday, January 24

8:00 – 8:30  BREAKFAST
SESSION IV    Presider: Jun Hu


9:20 – 9:45  “Cluster Assisted Sigma Bond Activation: Zr+(H2)n; Insertion and Uninsertion”, J. E. Bushnell and M. T. Bowers, University of California, Santa Barbara, CA.


10:10 - 10:25 BREAK

10:25 – 10:50 “Possible Effects of Magnetron Motion on FT-ICR Signal”, Katherine A. Kellersberger and David V. Dearden, Brigham Young University, Provo, UT.


11:30 - 12:00 CHECK OUT

12:00 - 1:00 LUNCH AND DEPART
Participants at the
2000 Conference on Ion Chemistry and Mass Spectrometry
January 28 - 30, 2000
UCLA, Conference Center Lake Arrowhead, California

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