

**Poster Session | Presiding: J. M. Weber**

1. **Christopher L. Adams**, H. Schneider and J. M. Weber, *Vibrational autodetachment spectroscopy and low-energy photoelectron imaging.*
2. **Jesse Marcum** and J. M. Weber, *Photodamage to isolated mononucleotides - photodissociation spectra and fragment channels.*
3. **Joshua P. Martin**, **Joshua P. Darr**, A. B. McCoy and W. C. Lineberger, *Photofragmentation dynamics of  $ICN^-(CO_2)_n$ .*
4. **Scott W. Wren**, **Kristen M. Vogelhuber**, K. M. Ervin, A. B. McCoy and W. C. Lineberger, *Photoelectron spectra of halocarbene and halomethyl Anions:  $CX_2^-$  and  $CHX_2^-$ .*
5. **Leonid Sheps**, **Elisa M. Miller**, M. A. Thompson, R. Parson, S. Horvath, A. B. McCoy and W. C. Lineberger, *Dissociation dynamics in gas-phase  $IBr^-(CO_2)$  clusters.*
6. **Oscar Martinez, Jr.**, Z. Yang, T. P. Snow and V. M. Bierbaum, *Interstellar Ion Chemistry.*
7. **John M. Garver**, **Nicole Eyet**, **Stephanie M. Villano** and V. M. Bierbaum, *Mechanistic studies of organic reactions in the gas phase.*
8. **Luis A. Cuadra-Rodriguez** and G. B. Ellison, *A new mass spectrometer to study droplets.*
9. **AnGayle Vasiliou**, M. R. Nimlos, J. W. Daily and G. Barney Ellison, *Biomass Cracking.*
10. **Samantha Horvath**, A. B. McCoy and R. M. Pitzer, *Theoretical investigations of the dynamics of  $IBr^-$  and  $IBr^-(CO_2)$ .*
11. **Laura Edwards** and H. Reisler, *Detection of ethenol in the gas phase via  $H(D)$  spectroscopy.*
12. **Evgeny Epifanovsky** and A. I. Krylov, *Locating minimum energy crossing points using EOM-CC methods.*
13. **Quanli Gu** and J. L. Knee, *REMPI and MATI spectroscopy of carboxylic acid containing hydrogen bonded clusters.*
14. **Jeff Rathbone**, G. Brucker, S. Blouch, B. Olsen, M. Schott and K. Van Antwerp, *Electrostatic ion trap for low molecular weight systems.*
15. **Tanya Ramond**, *Flash LIDAR systems for space-based earth science studies.*
16. **Paul Wenthold**, *Photoelectron Spectroscopy of Nitrene Anions.*
17. **Gary Leach**, *Surface and interface chemistry: Life on the edge.*
18. J. Chowdhary and **Branka Ladanyi**, *Water dynamics in reverse micelles.*
19. **James Gord**, *Optical measurements with ultrafast lasers in propulsion systems.*
20. **Kazushige Yokoyama**, *Nanoscale surface size dependence in protein conjugation.*
21. **Amy Mullin**, *Chemistry on the brink of destruction: collision and reaction dynamics of activated molecules.*
22. I. Shchatsinin, H.-H. Ritze, C. P. Schulz and **Ingolf V. Hertel**, *Ultrafast dynamics in water clusters and at water surfaces.*
23. I. Shchatsinin, H.-H. Ritze, C. P. Schulz and **Ingolf V. Hertel**, *Multiphoton excitation and ionization by elliptically polarized, intense, short laser pulses: recognizing multi-electron dynamics and doorway states in  $C_{60}$  vs. Xe.*
24. **Steven Kass**, *Gas Phase IR Spectra.*
25. S. Faraji and **Horst Köppel**, *Multi-state vibronic interactions in fluorinated benzene radical cations.*
26. **Nancy Levinger**, *Clusters in condensed phase: what can you learn from a reverse micelle?*
27. **M. K. Gilles**, *Atmospheric Aerosols: Single Particle Studies from Field Campaigns.*
28. **Lizabeth Alexander**, *Laboratory simulation and characterization of atmospheric organic nitrate formation in aerosols.*
29. B.J. Barker, S. Baidar, S. M. Casey and **Doreen G. Leopold**, *A study of  $Mo_2$  and  $Mo_2^-$  by anion photoelectron spectroscopy.*
30. A. Ricks, G. Douberly and **Michael A. Duncan**, *Infrared spectroscopy of carbocations.*
31. R. Nagarajan, S. Sickafoose and **Michael D. Morse**, *Rotationally resolved spectra of  $VMo$ ,  $NbMo$ ,  $ScCo$ , and  $YCo$ .*
32. **Alina P. Sergeeva**, J. Yang, X.-B. Wang, X.-P. Xing, L.-S. Wang, M. Massaoutic, T. Karpuschkin, O. Hampe, M. M. Kappes and A. I. Boldyrev, *Ab Initio, photoelectron spectroscopy, and mass-spectroscopic probing of negative electron binding energy, electronic structure and stability of isolated and solvated multiply-charged anions.*
33. **Claus Peter Schulz**, I. Shchatsinin, T. Laarmann, N. Zhavoronkov and I. V. Hertel, *Selective bond breaking in model peptides.*
34. **Zdeněk Herman**, J. Zabka and J. Roithova, *Dynamics of ion-molecule reactions from crossed-beam scattering.*
35. **Stewart Novick**, *Extended Townes-Dailey analysis of the nuclear quadrupole coupling tensor.*
36. A. Reber, T. Baynard and R. **Stephen Berry**, *Almost ion chemistry: A surprise and a still-unobserved ion process.*

**Instructions for Poster Presenters:**  
**Saturday: 9:00 to 10:00 am hang posters**  
**1:00 pm take posters down**