

ASMS 2006 Posters/Sessions on SIMION

MOC pm, 03:20, Distance-of-Flight MS - Exploratory implementation in a Q/oTOF mass spectrometer, Christie Enke(1), Gareth Dobson(1), (1)University of New Mexico, Albuquerque, NM

MOF pm, 03:20, It's all about the fields., James E. Bruce(1), Saiful Chowdhury(1), Nathan K. Kaiser(1), Xiaoting Tang(1), Si Wu(1), Wei Yi(1), Kai Zhang(1), (1)Washington State University, Pullman, WA

MOF pm, 03:40, Theory and Practice of the Orbitrap Mass Analyzer, Alexander A. Makarov(1), (1)Thermo Electron (Bremen) GmbH, Bremen, Germany

MP08, 155, Development of a Hybrid Quadrupole-Linear Ion Trap-Ion Mobility-TOFMS for Structural Mass Spectrometry, Jody C. May(1), John A. McLean(1), David H. Russell(1), (1)Texas A&M University, College Station, TX

MP09, 175, Improving Mass Resolution in ortho-TOF Mass Spectrometer, Vadym D. Berkout(1), Vladimir M. Doroshenko(1), (1)MassTech, Inc., Columbia, MD

MP09, 183, A Novel Ion Gate Comprising a Small Orthogonal TOF With Ion Mirror, Jeffery M. Brown(1), Daniel J. Kenny(1), Robert H. Bateman(1), (1)Waters Micromass MS Technologies, Manchester, UK

MP09, 196, A Direct Comparison of a Resistive Glass and Stacked-Ring Reflectron, Stephen M. Ritzau(1), Bruce N. Laprade(1), Sharon R. Mrotek(1), Ray Leffingwell(1), (1)Burle Electro-Optics, Sturbridge, MA

MP09, 197, Simple Template-Based Method to Fabricate Bradbury-Nielson Gates and Applications in Mass Spectrometry [1], Oh Kyu Yoon(1), Ignacio A. Zuleta(1), Matthew D. Robbins(1), Griffin K. Barbula(1), Richard N. Zare(1), (1)Stanford University, Stanford, CA

MP10, 199, Modification of ICR Trapping Potential to Generate a Local Electrostatic Field Minimum to Improve Signal Resolving Power, Sunghwan Kim(1), Myoung Choul Choi(1), Seung Yong Kim(1), Jong Shin Yoo(1), Hyun Sik Kim(1), Greg T. Blankney(2), Christopher L. Hendrickson(2), Alan G. Marshall(2), (1)Korea Basic Science Institute, Daejeon, Korea, (2)National High Magnetic Field Laboratory, Tallahassee, FL

MP10, 210, Coaxial multi-electrode FTICR cell for high-sensitivity detection at a multiple frequency: main design and modeling results, Alexander Misharin(1), Roman Zubarev(1), (1)Uppsala University, Uppsala, Sweden

MP10, 212, SIMION Modeling of Image Charge Detection in FT-ICR MS, Steven C. Beu(1), Christopher L. Hendrickson(2), Alan G. Marshall(2), (1)S C Beu Consulting, Austin, TX, (2)ICR Group at NHMFL, Tallahassee, FL

MP10, 213, A New Open Cylindrical ICR Cell with Electrodes of Different Diameters, Karl P. Wanczek(1), Basem Kanawati(1), (1)Inorganic & Physical Chemistry, University, D-28334 Bremen, Germany

MP10, 217, Progress Toward Real Time Bioerosol Analysis Using the Novel Fourier Transform Ion Cyclotron Resonance Bioerosol Mass Spectrometer, Richard Seipert(1), Xin Cong(1), Gregg Czerweineic(1), Carlito Lebrilla(1), (1)University of California, Davis, Davis, CA

MP10, 220, Simulation Study to Improve Ion Transmission Efficiency through the Gate Valve for an External Ion Injection FTICR-MS, Myoung Choul Choi(1), Hyun Sik Kim(1), Sunghwan Kim(1), Jong Shin Yoo(1), (1)Korea Basic Science Institute, Daejeon, Republic of Ko

ThP04, 048, Aperture Arrays for Atmospheric Pressure Sources, Edward W Sheehan(1), Ross C Willoughby(1), (1)Chem-Space Associates, Inc., Pittsburgh, PA

ThP09, 141, Surface Induced Dissociation (SID) in a Quadrupole Time of Flight Mass Spectrometer - Towards the Study of Larger Biomolecules, Asiri S. Galhena(1), Shai Dagan(1), Christopher M. Jones(1), Richard L. Beardsly(1), Vicki H. Wysocki*(1), (1)University of Arizona, Tucson, Arizona

ThP09, 146, Applying Superfluid Helium Nanodroplets to the Study of Ions: New Possibilities, Travis M. Falconer(1), William K. Lewis III(1), Aaron M. Johnson(1), Raymond J. Bemish(2), Gary L. Glish(1), Roger E. Miller(1), (1)University of North Carolina, Chapel Hill, NC, (2)Pfizer Inc., Groton, CT

ThP09, 150, Surface-Surface (Ping-Pong) Neutralization-Reionization Mass Spectrometry, Luke E. Adams(1), Xinli Yang(1), Frantis(ek Turec(ek(1), (1)University of Washington, Seattle, WA

ThP16, 262, Kinetics of surface induced dissociation using laser desorption of C60 and silicon nano powder assisted ionization of N(CH3)4+, Sung Hwan Yoon(1), Dylan Boday(1), Chaminda Gamage(1), Wuijuan Wen(1), Kent Gillig(1), Shai Dagan(1), Vicki Wysocki(1), (1)University of Arizona, Tucson, AZ, Wenjian Sun(1), David H. Russell(1), (1)Texas A&M University, College Station, TX

TP23, 406, A novel SID/TOF source for MALDI-IM-SID-oTOF MS, Wenjian Sun(1), David H. Russell(1), (1)Texas A&M University, College Station, TX

WP14, 263, Micro-Cylindrical Ion Trap Mass Spectrometers, Ashish Chaudhary(1), Friso H.W. van Amerom(1), Robert T. Short(1), (1)University of South Florida, St. Petersburg, Florida

WP14, 267, Computer Simulation of a New, AC three rods (tripole), Ion Optic with High Focusing and Mass Filtering Capabilities, Gary Abdiel Salazar(1), Tsutomu Masujima(1), (1)Hiroshima University, Hiroshima, Japan

WP15, 303, Novel Ion Trap Focusing Techniques for use with Distance of Flight (DOF) Time of flight (TOF) Mass Spectrometry (MS)., Gareth S. Dobson(1), Christie G. Enke(1), (1)University of New Mexico, Albuquerque, NM