

IMSC 2006

Saturday 26th August			
Training Courses			
9:00 - 12:30	Mass Spectrometry in Drug Discovery, Proteomics, and Metabolomics Michael J. Greig, Gary Siuzdak	Mass Spectral Interpretation O. David Sparkman	Proteomics: Data Acquisition, Analysis and Interpretation David R. Goodlett, Garry Corthals
12:30 - 13:30	Lunch Break		
13:30 - 17:00	Mass Spectrometry in Drug Discovery, Proteomics, and Metabolomics Michael J. Greig, Gary Siuzdak	Mass Spectral Interpretation O. David Sparkman	Proteomics: Data Acquisition, Analysis and Interpretation David R. Goodlett, Garry Corthals

Sunday 27th August			
Training Courses			
9:00 - 12:30	Mass Spectrometry in Drug Discovery, Proteomics, and Metabolomics Michael J. Greig, Gary Siuzdak	Mass Spectral Interpretation O. David Sparkman	Proteomics: Data Acquisition, Analysis and Interpretation David R. Goodlett, Garry Corthals
12:30 - 13:30	Lunch Break		
17:00	Tutorial T1 On the Spin-forbiddenness of Gas-phase Ion-molecule Reactions: A Fruitful Intersection of Experimental and Computational Studies Helmut Schwarz		
17:45	Tutorial T2 Development of a Quadrupole-FT Mass Spectrometer for Robust Identification and Characterization of Intact Proteins Neil L. Kelleher		
18:30	Opening Ceremony		
19:00	Black Light Theatre		
19:30 - 21:30	Welcome Reception		

IMSC 2006

Monday 28 th August				
08:50	Welcome			
09:00	Plenary Lecture L1 Atmospheric Chemistry and Climate in the 'Anthropocene' Paul J. Crutzen			
09:50 - 11:20	Poster Session MoP / Coffee Break Carbohydrates; Food and Nutrition; Fundamentals: Theory and Experiment; Geochemical MS; Glycomics and Oligosaccharides; High Throughput Analysis: From Discovery to Clinical Applications; Hydrocarbons; Inductively Coupled Plasma MS/Inorganic MS; Ion Mobility Mass Spectrometry; Lipidomics; Membrane Proteins; Metabolomics/Metabonomics; Metal Ions in Biology; MS Contribution to Immunology; Proteomics: Clinical; Proteomics: General; Small Molecules; Supramolecular Complexes; TOF Analyzers			
11:20 - 12:50	Oral Session MoOr			
Session	High Throughput Analysis: From Discovery to Clinical Applications	Bioinformatics	Lipidomics	Hydrocarbons
11:20	Keynote: Yoshinao Wada	Keynote: Bernhard Spengler	Keynote: Andrej Shevchenko	Keynote: Ryan P. Rodgers
11:50	Andrew Pitt	John S. Cottrell	Fong-Fu Hsu	Hilkka I. Kenttamaa
12:10	Facundo M. Fernandez	Rune Matthiesen	Scott A. Shaffer	Alexander B. Fialkov
12:30	Christoph Seger	Mikhail M. Savitski	Ryo Taguchi	Walter E. Rudzinski
12:50 - 14:30	Lunch Break, Exhibitor Activities			
14:30 - 16:00	Poster Session MoP / Coffee Break Carbohydrates; Food and Nutrition; Fundamentals: Theory and Experiment; Geochemical MS; Glycomics and Oligosaccharides; High Throughput Analysis: From Discovery to Clinical Applications; Hydrocarbons; Inductively Coupled Plasma MS/Inorganic MS; Ion Mobility Mass Spectrometry; Lipidomics; Membrane Proteins; Metabolomics/Metabonomics; Metal Ions in Biology; MS Contribution to Immunology; Proteomics: Clinical; Proteomics: General; Small Molecules; Supramolecular Complexes; TOF Analyzers			
16:00 - 17:30	Oral Session MoOr			
Session	Protein Modifications	FT-ICR Instrumentation and Methods	Gas Phase Ion Chemistry	Inductively Coupled Plasma Mass Spectrometry
16:00	Keynote: Ole N. Jensen	Keynote: Alan G. Marshall	Keynote: Veronica M. Bierbaum	Keynote: J. Sabine Becker
16:30	Martin R. Larsen	Eugene N. Nikolaev	Scott Gronert	Meike Hamester
16:50	Wolf D. Lehmann	Martin K. Beyer	Ilya N. Ioffe	Maria Betti
17:10	Garry L. Corthals	Eric Y. Chan	Jose M. Riveros	Ramon M. Barnes
18:00 - 20:00	Workshops			
	Fourier Transform Mass Spectrometry	Strategies for the Production of a Universal Product Ion MS/MS Library		Membrane Proteins
	Peter J. Derrick	Anthony Bristow		Eric Forest
18:00 - 20:00	Exhibitors' Meetings			

IMSC 2006

Tuesday 29 th August				
08:50	Welcome			
09:00	Plenary Lecture L2 Comparative Analysis of Post-translationally Modified Proteins and Peptides by Mass Spectrometry: New Technology (Electron Transfer Dissociation) and Applications in the Study of Cell Migration, the Histone Code and Cancer Vaccine Development Donald F. Hunt			
09:50 - 11:20	Poster Session TuP / Coffee Break Biomolecular Assemblies; Clinical Chemistry Applications; Drug Discovery and Development; Forensics and Security Aspects; Gas Phase Ion Chemistry; MALDI Ionization; New Instrumentation; Posttranslational Modifications; Proteomics: New Methods; Reaction Mechanisms; Reactive Intermediates and Neutral Energetics; Sample Preparation for Mass Spectrometry			
11:20 - 12:50	Oral Session TuOr			
Session	Soft Ionization MS: Fundamentals and Quantification	Fundamentals: Theory and Experiment	Glycomics and Oligosaccharides	Biomolecular Assemblies
11:20	Keynote: Michael Karas	Keynote: Einar Uggerud	Keynote: Catherine E. Costello	Keynote: Daniele Fabris
11:50	Paul Kebarle	Bela Paizs	I. Jonathan Amster	Henning Urlaub
12:10	Dietrich A. Volmer	Diethard K. Bohme	M. Isabel Catalina	Alison E. Ashcroft
12:30	Craig M. Whitehouse	Joel Lemaire	Kisaburo Deguchi	Richard L. Beardsley
12:50 - 14:30	Lunch Break, Exhibitor Activities			
14:30 - 16:00	Poster Session TuP / Coffee Break Biomolecular Assemblies; Clinical Chemistry Applications; Drug Discovery and Development; Forensics and Security Aspects; Gas Phase Ion Chemistry; MALDI Ionization; New Instrumentation; Posttranslational Modifications; Proteomics: New Methods; Reaction Mechanisms; Reactive Intermediates and Neutral Energetics; Sample Preparation for Mass Spectrometry			
16:00 - 17:30	Oral Session TuOr			
Session	Peptidomics and Proteomics	Drug Discovery and Development	Reaction Mechanisms	Polymer Characterization
16:00	Keynote: David R. Goodlett	Keynote: Michael J. Greig	Keynote: Marcos N. Eberlin	Keynote: Maurizio S. Montaudou
16:30	James E. Bruce	Mark Sanders	Jurgen O. Metzger	Anthony T. Jackson
16:50	Benedikt M. Kessler	David J. Bell	Sandra Feyel	Leendert A. Klerk
17:10	Hanno Steen	Zoltan Takats	Jean-Claude Tabet	Chrys Wesdemiotis
18:00 - 20:00	Workshops			
	Post-translational Modifications	Glycomics	ESI Ionization	MALDI Ionization
	Ole N. Jensen	Milos V. Novotny, Yehia Mechref	Karoly Vekey	Pietro Traldi
18:00 - 20:00	Exhibitors' Meetings			

IMSC 2006

Wednesday 30 th August				
08:50	Welcome			
09:00	Plenary Lecture L3 Recent Advances in Cluster Science Welford A. Castleman			
09:50	Thomson Awards			
10:30	Curt Brunnée Award			
10:50 - 11:20	Coffee Break			
11:20 - 12:50	Oral Session WeOr			
Session	Protein Conformation and Structure Biology	TOF Analyzers	Environmental and Food Analysis	Nanotechnology
11:20	Keynote: Carol V. Robinson	Keynote: Renato Zenobi	Keynote: Albert T. Lebedev	Keynote: Frantisek Foret
11:50	Pertida E. Barran	Imma Ferrer	Rafal Szmigielski	Jorg P. Kutter
12:10	Jennifer L. Beck	Anatoli Verentchikov	Wojciech Gabryelski	Pierre Thibault
12:30	Eric Forest	Ralf Zimmermann	Simon Hird	Zuzana Bilkova
12:50 - 14:30	Lunch Break, Exhibitor Activities			
13:30 - 15:00	Workshops			
	Separation Prior MS Detection Josef Chmelik		Working with Mass Spectrometry BMSS/Gavin O'Connor	
14:30 - 15:00	Departure for Sightseeing Tours			
15:30 - 18:00	Sightseeing Tours			

IMSC 2006

Thursday 31 st August				
08:50	Welcome			
09:00	Plenary Lecture L4 Recent Progress in Prion Biology Adriano Aguzzi			
09:50 - 11:20	Poster Session ThP / Coffee Break Activation and Dissociation; Atmospheric Pressure Ionization; Bioinformatics; Biomarkers; Environmental Analysis; FT-ICR Instrumentation and Methods; Genomics/Nucleic Acids; Instrumentation and Methodologies for Imaging MS; Materials Science; Nanotechnology; Peptide Fragmentation; Peptide Sequencing; Phosphoproteomics; Polymer Characterization; Protein Conformation and Structure Biology; Proteomics: Quantification; Trace Gas Analysis; Toxicology; Trap Analyzers			
11:20 - 12:50	Oral Session ThOr			
Session	Ion Traps and Quadrupoles	Peptide Fragmentation	Ion Mobility Mass Spectrometry	Forensics and Security Aspects
11:20	Keynote: Graham Cooks	Keynote: Vicki H. Wysocki	Keynote: Michael T. Bowers	Keynote: Catherine Fenselau
11:50	Alexander Makarov	Christian Bleiholder	James H. Scrivens	Plamen Demirev
12:10	Li Ding	Amy E. Hilderbrand	Bryan J. McCullough	Paula S. Vanninen
12:30	Gareth S. Dobson	Frank Sobott	Kevin Giles	Clemens Walther
12:50 - 14:30	Lunch Break, Exhibitor Activities			
13:30 - 15:00	JMS awards David Touboul, Kerryn Mason, Bethny Morrissey, Brendan Prideaux, Michael Volny			
14:30 - 16:00	Poster Session ThP / Coffee Break Activation and Dissociation; Atmospheric Pressure Ionization; Bioinformatics; Biomarkers; Environmental Analysis; FT-ICR Instrumentation and Methods; Genomics/Nucleic Acids; Instrumentation and Methodologies for Imaging MS; Materials Science; Nanotechnology; Peptide Fragmentation; Peptide Sequencing; Phosphoproteomics; Polymer Characterization; Protein Conformation and Structure Biology; Proteomics: Quantification; Trace Gas Analysis; Toxicology; Trap Analyzers			
16:00 - 17:30	Oral Session ThOr			
Session	Metabolomics/Metabonomics	Instrumentation and Methodologies for Imaging MS	MS Contribution to Immunology	Reactive Intermediates and Neutral Energetics
16:00	Keynote: William J. Griffiths	Keynote: Ron M. A. Heeren	Keynote: Michael Przybylski	Keynote: Frantisek Turecek
16:30	Xianlin Han	Klaus Dreisewerd	Kenneth B. Tomer	Marie L. Anderson
16:50	Thomas Letzel	Akos Vertes	Charlotte Hagman	Stephen J. Blanksby
17:10	Petr Simek	Richard A. Yost	Christian Schou	George N. Khairallah
17:45 - 18:45	Departure to Conference Dinner			
19:30 - 23:00	Conference Dinner			

IMSC 2006

Friday 1 st September				
08:50	Welcome			
09:00	Plenary Lecture L5 Probing Our Origins: The Expanding Role of Mass Spectrometry for Laboratory Simulation and <i>In situ</i> Exploration of Space Environments Jack L. Beauchamp			
9:50 - 10:20	Coffee Break			
10:20 - 11:50	Oral Session FrOr			
Session	Biomarkers	Activation and Dissociation	Supramolecular Complexes	Trace Gas Analysis
10:20	Keynote: Gary Siuzdak	Keynote: Roman Zubarev	Keynote: Alain Van Dorsselaer	Keynote: Patrik Spanel
10:50	Bruno Domon	Peter B. Armentrout	Rimco B. J. Geels	Barry J. Prince
11:10	Giuseppina Maccarrone	Joshua J. Coon	Kevin A. Schug	Armin Hansel
11:30	Nalini Sadagopan	Mary T. Rodgers	Arno Wortmann	Anton Amann
11:50	IMSC 2009 Bremen Presentation			
12:10	Plenary Lecture L6 Computational Studies on Enzymes Walter Thiel			
13:00 - 13:30	Closing Remarks / Farewell Drink			