

## Sunday, September 13

Time	Topic	Speaker	Page #
7:00 pm	Registration - Meet & Greet at the upstairs of Pickles Pub 7:00 pm - 9:00 pm		

## Monday, September 14

Time	Topic	Speaker	Page #
7:30	Poster and display set-up		
10:00	Welcoming	Gottfried Kibelka	
10:15	Needs and Challenges in the Field Detection and Identification of Military Chemical Threats	Kate Ong	
11:00	Quadrupole Miniaturization – Reconsidered	Justin Jacobsky	
11:30	Improving the Selectivity of a High Pressure Mass Spectrometer	Andrew Hampton	
12:00	Lunch on your own		
1:30	Development of a Miniature Dual Source Linear Ion Trap Mass Spectrometer for the ExoMars Rover Mission	William Brinckerhoff	
2:00	A compact two-step laser time-of-flight mass spectrometer for in situ analysis of planetary surfaces	Stephanie Getty	
2:30	A multiple-reflection time-of-flight mass spectrometer for the ROSETTA space craft	Hermann Wollnik	
3:00	Cupid's Arrow: An Innovative Nanosat Mass Spectrometer to Sample Venus' Upper Atmosphere	Murray Darrach	
3:30	JPL Flyby Mass Spectrometer	Evan Neidtholdt	
4:00 – 6:30	Poster Session (Refreshments will be available during poster session)	Various Authors Please See Abstracts	

# Tuesday, September 15

Time	Topic	Speaker	Page #
<b>7:45</b>	<b>Announcements</b>		
<b>8:00</b>	Fast Pressure Prediction with a MEMS Pirani Sensor for Protection of MOMA-MS	Adrian Southard	
<b>8:30</b>	Miniaturized Planar Electrode Linear Ion Trap (LIT) Mass Analyzer	Ailin Li	
<b>9:00</b>	Simulation study for tolerance of six degrees of freedom in two-plate linear ion trap	Qinghao Wu	
<b>9:30</b>	Low Power Carbon Nanotube Field Emission Electron Source for Chemical Ionization Mass Spectrometry	Charles Parker	
<b>10:00</b>	<b>Mid-Morning Break</b>		
<b>10:30</b>	In-situ Volcanic Plume Monitoring at Solfatara Volcano and Vulcano Island, Italy with Small Portable Mass Spectrometer Systems designed for Field Deployment and Unmanned Aerial Vehicles (UAV)	Ken Wright	
<b>11:00</b>	A Hybrid Vehicle Mounted Membrane Inlet Mass Spectrometer for Spatial Analysis of Atmospheric Chemical Concerns	Guido Verbeck	
<b>11:30</b>	Use of a field-portable GCMS in a brewing environment	Garth Patterson	
<b>12:00</b>	<b>Group-Photo &amp; Lunch: Classic Sandwich Platter</b>		
<b>1:30</b>	Development of a field deployable mass spectrometer for hydrological applications	Hung Quang Hoang	
<b>2:00</b>	In-water mass spectrometry for characterization of light hydrocarbon seeps and leaks	Tim Short	
<b>2:30</b>	Improvements in Under Water Mass Spectrometry	Torben Gentz	
<b>3:00</b>	<b>Mid-Afternoon Break</b>		
<b>3:30</b>	Broadband, Fully Automated Identification of Drugs Using a Field Deployable DART-ITMS	Berk Oktem	
<b>7:00 pm</b>	<b>Workshop Dinner at the Rusty Scupper</b>		

## Wednesday, September 16

Time	Topic	Speaker	Page #
<b>7:45</b>	<b>Announcements</b>		
<b>8:00</b>	Development of tandem mass spectrometry (MS/MS) on a miniaturized laser desorption/ionization time-of-flight mass spectrometry (LD-TOF-MS)	Xiang Li	
<b>8:30</b>	Advanced Miniature Linear Ion Trap Mass Spectrometer for Space Applications	Andrej Grubisic	
<b>9:00</b>	Towards detection of life in space exploration missions by using a miniature laser ablation ionization mass spectrometer	Andreas Riedo	
<b>9:30</b>	The Spacecraft Atmosphere Monitor (S.A.M.) for ISS and Orion	Richard Kidd	
<b>10:00</b>	<b>Mid-Morning Break</b>		
<b>10:30</b>	The fast path of the molecules: from the engine cylinder to mass spec and what this has to do with lube oil consumption	Sven Krause	
<b>11:00</b>	Portable MS-UV Sensing Platform for Water Quality in Aquaculture	Steve Taylor	
<b>11:30</b>	<b>Program Survey and Closing</b>		