

January 5th

9:30	Registration
	<i>Session 1: Opening</i>
10:00-10:10	Opening Remarks
10:10-10:20	Welcome Address, Chaminade University President Lynn Babington
10:20-10:50	Robert Shellie - Opening Keynote, Introduction to Multidimensional Chromatography
11:50-12:10	Joshua Whiting - Microfabrication in GCxGC: a path to reduced false alarms in handheld systems
12:10-12:30	Luigi Mondello - "Smart" Gradients for enhancing peak capacity in comprehensive two-dimensional liquid chromatography under reversed-phase conditions: Application to polyphenols in food and natural real-world samples
12:30-13:30	Lunch Break, <i>Sponsored by Thermo Fisher Scientific</i>
	<i>Session 2: Defense & Forensics, Moderator: Shari Forbes</i>
13:30-13:45	Court Sandau - Use of GCxGC-TOFMS in litigious mixed plume condensate forensics
13:45-14:00	Maiken Ueland - Profiling volatilomes: A novel forensic method used to determine species identities of confiscated items from the illegal wildlife trade
14:00-14:15	Bruce King- Passive sampling, comprehensive chromatography and comparison of operationally relevant atmospheres.
14:15-14:30	David Bowman - Gaining insights into the complex chemistry of cannabis aroma
14:30-14:50	Coffee Break, <i>Sponsored by Thermo Scientific</i>
	<i>Session 3: Environmental Applications, Moderator: Court Sandau</i>
14:50-15:05	Rebecca Cordel - Characterising atmospheric volatile organic compounds in nairobi, Kenya by TD-GCxGC-FID/MS
15:05-15:20	Aikebaier Renaguli - The use of comprehensive two-dimensional gas chromatography with high resolution mass spectrometry for the identification of novel halogenated compounds in the great lakes fish
15:20-15:35	Joseph Binkley - Application of GCxGC-ToF MS/FID as a powerful tool for routine and confirmatory analysis of mineral oil contamination in food
15:35-15:50	James Mc Ateer - Getting a non-routine analytical method accepted by regulators: Lessons learned from comparison of GC/ECD vs. GC/MS/MS Data
15:50-16:30	Focus Group 1: Starting out in GCxGC (Young Scientist Panel)
18:00 - 20:00	Happy Hour - Join SepSolve Analytical and Thermo Fisher Scientific for an informal networking event at Maui Brewing Company (2300 Kalakaua Ave.)

January 6th

9:00-9:30	Registration
	<i>Session 4: Data Processing and Fundamentals, Moderator: Pierre-Hugues Stefanuto/Katelynn Perrault</i>
9:30-9:50	John Dimandja - Background subtraction in GC×GC/MS: A closer look
9:50-10:10	Qingping Tao - Towards faster and more reliable peak alignment for GC×GC-MS by leveraging peak locality
10:10-10:30	Scott Campbell - Automated comparison of GC×GC whisky samples using AnalyzerPro [®] XD
10:30-10:50	James Harynuk - Automated feature detection and quantification of GC×GC-TOFMS data
10:50-11:20	Coffee Break
	<i>Session 5: Breath & Metabolomics, Moderator: Robert Shellie</i>
11:20-11:35	Michael Wilde - A clinical GC×GC workflow for the discovery of biomarkers of acute breathlessness
11:35-11:50	Sarah Prebihalo - Metabolomics study associated with ACL injury: Biomarker discovery of post traumatic osteoarthritis using GC×GC-TOFMS and chemometrics
11:50-12:05	Jane Hill - Toward a breath test for tuberculosis: Pre-clinical and clinical studies
12:05-12:20	Paulina Piotrowski - Characterization of the gut microbiome with SPME coupled to GC×GC-TOFMS
12:20-13:30	Lunch Break
13:30-14:30	Focus Group 2 - Challenges for GC×GC users
14:30-14:50	Coffee Break
	<i>Session 6: Flash Presentations, Moderator: John Dimandja</i>
14:50-15:00	Julianne Byrne - Using GC×GC-qMS/FID to investigate postmortem bacteria
15:00-15:10	Masaaki Ubukata - Polymer analysis applications coupled with GC×GC and thermal analysis techniques
15:10-15:20	Matthew Edwards - What's that smell? Identifying odors and emissions from products and materials
15:20-15:30	Danson Oliva - Simulated mixtures to validate Fisher Ratio feature reduction
15:30-15:40	Hunter Yamanaka - Baseline breathprints from healthy adults in Oahu
15:40-15:50	Paige Teehan - Modified QuEChERS Extraction for high throughput analysis of fish tissue
15:50-16:00	Christina Kelly - Improved detailed hydrocarbon analysis of petroleum products using GC×GC-TOFMS: What is the real gain?

January 7th

Session 7: New developments, Moderator: James Harynuk

9:00-9:20	Focus Group Wrap-Up
9:20-9:35	Nadin Boegelsack - Retention indices - from GC to GC×GC
9:35-9:50	Jan Henk Marsman - Experimental method to predict the GC×GC contour plot of a sample based on single column GC analysis.
9:50-10:05	Gladia Ricot - Benefits of Hydrogen over Helium
10:05-10:20	Bram van der Meer - Experiences with a solid state modulator (SSM) on HRTOF-MS and some comparisons with other GC×GC modulators
10:20-10:30	Coffee Break

Session 8: Applications and Beyond, Moderator: Luigi Mondello

10:30-10:45	Lena Dubois - Moving out of the classroom for a comprehensive evaluation of GC×GC Software
10:45-11:00	David Alonso - Hemp characterization using GC and GC×GC with time-of-flight mass spectrometry
11:00-11:15	John Dane - Expanding the analysis of petroleum samples measured by GC×GC-HRTOFMS
11:15-11:30	Maiken Ueland - Odour as a search tool following a building collapse in a DVI scenario
11:30	Closing Remarks
11:45	Campus and Lab Tour (sign up required at registration)