

January 5th

9:30	Registration
10:00-10:10	Opening Remarks, Conference Chairs
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
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
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

January 6th

9:00-9:30	Registration
9:30-9:50	John Dimandja - Background subtraction in GCxGC/MS: A closer look
9:50-10:10	Qingping Tao - Towards faster and more reliable peak alignment for GCxGC-MS by leveraging peak locality
10:10-10:30	Scott Campbell - Automated comparison of GCxGC whisky samples using AnalyzerPro® XD
10:30-10:50	James Harynuk - Automated feature detection and quantification of GCxGC-TOFMS data
10:50-11:20	Coffee Break (Sponsored by Thermo Scientific)
11:20-11:45	Michael Wilde - A clinical GCxGC workflow for the discovery of biomarkers of acute breathlessness
11:45-12:00	Sarah Prebihalo - Metabolomics study associated with ACL injury: Biomarker discovery of post traumatic osteoarthritis using GCxGC-TOFMS and chemometrics
12:00-12:15	Jane Hill - Toward a breath test for tuberculosis: Pre-clinical and clinical studies
12:15-12:30	Paulina Piotrowski - Characterization of the gut microbiome with SPME coupled to GCxGC-TOFMS
12:30-13:30	Lunch Break
13:30-14:30	Focus Group 2 - Challenges for GCxGC users
14:30-14:50	Coffee Break
14:50-15:00	Julianne Byrne - Using GCxGC-qMS/FID to investigate postmortem bacteria
15:00-15:10	Masaaki Ubukata - Polymer analysis applications coupled with GCxGC 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 Olivia - 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 GCxGC-TOFMS: What is the real gain?

January 7th

9:00-9:20	Focus Group Wrap-Up
9:20-9:35	Nadin Boegelsack - Retention indices - from GC to GCxGC
9:35-9:50	Jan Henk Marsman - Experimental method to predict the GCxGC 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 GCxGC modulators
10:20-10:30	Coffee Break
10:30-10:45	Lena Dubois - Moving out of the classroom for a comprehensive evaluation of GCxGC Software
10:45-11:00	David Alonso - Hemp Characterization using GC and GCxGC with Time-of-Flight Mass Spectrometry
11:00-11:15	John Dane - Expanding the Analysis of Petroleum Samples Measured by GCxGC-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)