

**November 5, 2026 (7:45-8:30)**



**VENDOR SEMINAR:**

**Unlocking new dimensions in mass spectrometry**

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**Soft Ionization, any chromatography and HRMS in one package. Possible? Yes!**

*Dr. Jan Bucek, Plasmion GmbH*

Born in Germany in 2016, SICRIT® now stands as one of the most versatile ionization sources on the market. From an operational standpoint, SICRIT® offers coverage across the whole chemical space of small molecules and is plug-and-play compatible with any atmospheric mass spectrometer. Moreover, hyphenation with both LC/SFC and GC is possible. Focusing on the latter, a SICRIT-GC combination has proven to be a powerful tool for pesticide analysis, enabling soft ionization, extensive ionization, and, importantly, novel accessibility to fragmentation spectra. This unique approach connects the best of both GC and LC worlds into one package.

**You can tell by the smell if it's dodgy as hell**

*Dr. Nicholas Birse, Queen's University Belfast*

Food fraud impacts a wide range of commodities, with high value, low volume commodities such as herbs and spices being particularly prone to fraud, something that has been shown repeatedly over the last two decades and beyond. Herbs and spices frequently have complex, lengthy supply chains where there are many different opportunities for fraud and more general contamination to occur, making the detection of fraud in herb and spice supply chains a major analytical challenge. Herbs and spices have the benefit of typically having distinctive aromas, making the use of a rapid, volatile compound based analytical technique desirable and appropriate. This seminar will look at the use of a SICRIT® based rapid herb and spice fraud screening application capable of identifying adulteration and similar economically motivated frauds within seconds per sample.