



## **New England Section**

### **February Dinner Meeting Announcement**

**When:** Tuesday February 16, 2016  
5:30 – 6:30 Social Hour  
6:30 – 7:30 Dinner  
7:30 – 8:30 Presentation & Discussion

**Where:** **110 Grille, 116 Chelmsford Street**  
**Chelmsford, MA 01824**  
**978.256.2777**

**Speaker:** Michael Hargreaves  
Senior Manager R& D  
Thermo Scientific (Portable Analytical Instruments)

**Title:** **Advances in Handheld FTIR & Raman Analyzers**

**Abstract:**

The continued advances of handheld instrumentation are providing significant additional capabilities for unknown chemical identification in the field. Handheld Raman and FTIR devices have evolved since their initial release a decade or so ago and they are now globally deployed and in use by a multitude of user groups, such as the military, customs, police, pharmaceutical and chemical industries. The presentation will discuss the evolution of Thermo Scientific's handheld devices, including Gemini, a new FTIR & Raman all in one analyzer, with the emphasis on the specific application areas where handheld analyzers are used.

**Speaker biography:**

Michael Hargreaves is a Senior R&D Manager with Thermo Scientific Portable Analytical Instruments in Tewksbury, MA. He has worked in the vibrational spectroscopy field for the last 10 years, previously working for Ahura Scientific on Handheld Raman & FTIR and Cobalt Light Systems, on SORS and Transmission Raman. His current focus is on hardware and application development. He holds an MChem from Newcastle University, UK, a Ph.D. in chemistry from Nottingham University, UK and Chartered Chemist and Scientist status in the UK.

**Dinner Details:** Attendees will be ordering and paying for their own meals from the restaurant menu. Please RSVP to Mary Kate Donais at [mdonais@anselm.edu](mailto:mdonais@anselm.edu) so that we can be sure of a headcount and the room's physical arrangement for the talk.

**Cost:** SAS Members \$5; non-members \$7; full time students and unemployed members \$5. Please try to have a check or exact change.

**Contact:** We need to know if you are coming ahead of time. Please contact Mary Kate Donais at [mdonais@anselm.edu](mailto:mdonais@anselm.edu) to make a reservation.

**Directions to the** **110 Grille, 116 Chelmsford Street**  
**Chelmsford, MA 01824**

In Chelmsford at Exit 34, Route 110 off I-495. Chelmsford Street is Route 110. 110 Grille is just past the turn for the Radisson on the right.

