

The Thermo Scientific GRAMS Team is pleased to announce a series of 90-minute Web based training sessions focused on GRAMS Spectroscopy Software and GRAMS IQ Chemometrics. You will gain first-hand knowledge on utilizing GRAMS/AI software effectively for a variety of data display and analysis tasks and GRAMS IQ software for qualitative and quantitative spectral analysis with multivariate chemometric methods.

Classes are held on Wednesdays at 10:00 am Eastern Standard Time. The following list of topics will be offered. Each session is offered at US \$99.00 per company representative. The sessions will include a question and answer period following the presentation to address your specific questions. Please contact [sales.informatics@thermofisher.com](mailto:sales.informatics@thermofisher.com) to sign up for a course.

## 2012 Web Session Schedule

**Getting Started with GRAMS AI Version 9.1** – introductory course for new users covering the basic concepts (traces, workbooks, etc.), how to open files, import foreign data, zooming and scaling, copying data to other applications (Word, Excel, etc), and other basic functionality.

- January 4
- March 7
- May 2
- July 11
- September 5
- November 7

**GRAMS/AI Applications and Add-Ons** – File information, X and Y axis conversions, Integrate, Derivative, Spectral Math, Spectral Subtract, Smoothing, Offset Correction, Baseline correction, X axis shifting, Zap, Interpolate, Fourier Self Deconvolution, and Peak Fitting. Also covers Add-Ons Excel Exchange and Quick Quant.

- January 11
- March 14
- May 9
- July 25
- September 12
- November 14

**Using Spectral ID** - Setting up Spectral ID, Performing library searches with optical and mass spectra, Region masking, Spectral subtraction, Creating your own Spectral Libraries.

- March 21
- May 16
- September 19
- November 21

**Building models with GRAMS IQ** – just the basic steps for how to create a training set, set-up experiments, and analyze results

- February 1
- April 4
- June 13
- August 8
- October 10
- December 5

**Model optimization with GRAMS IQ** – using the report viewer to identify outliers, selecting appropriate preprocessing options, region selection

- February 8
- April 11
- June 20
- August 15
- October 17
- December 12

For additional information please contact [sales.informatics@thermofisher.com](mailto:sales.informatics@thermofisher.com)