



Vinci, the Multidimensional Fluorescence Spectroscopy Software version 2 has been released

CHAMPAIGN, ILLINOIS—December 2, 2011— ISS releases the version 2 of the Vinci Multidimensional Fluorescence Spectroscopy Acquisition and Analysis Software.

Vinci version 2 is designed for Windows 7 Professional, 32 or 64 bit. In the new version, several features are introduced:

For STEADY – STATE

- Computation of polarization spectrum
- FRET routine calculations
- Updated 3D Graphic Library•

For TIME – RESOLVED

- Improved drivers for TCSPC acquisition cards
- Improved instrument control GUI
- Chain experiments modality
- FRET routine calculations
- • Faster minimization algorithm for fitting• Lifetime fitting with custom models (that can be saved for future use)
- Phasors Analysis

The Vinci software is used on all the ISS spectrofluorometers for instrument control, data acquisition and data analysis. In the past two years, Vinci has found wide acceptance as an analysis tool of fluorescence data between users of ISS instrumentation as well as users of other commercial spectrofluorometers. Its main feature is the capability to acquire multidimensional data sets where experimental conditions on the sample under study (wavelengths, temperature, concentration, pressure) have been varied and to analyze the data in a global environment. Vinci includes a superb graphical interface for the display of 2D and 3D plots as well as color display of user defined functions with zooming and rotation capabilities and statistical operators. Plots can be exported to popular formats (gif, tiff, png, metafile, bitmap).