

Innovations in Fluorescence: Innovendia Consulting to represent ISS in Europe

Highly innovative fluorescence based tools from ISS will become more easily accessible in Europe due to the newly established cooperation between ISS and Innovendia Consulting.

ISS, based in Champaign, Illinois, was incorporated with the long term mission of developing high sensitivity time-resolved fluorescence instrumentation for research applications in areas such as biology, biophysics, biochemistry, chemistry, physiology and physics. This mission has been established over the years and has been extended to include near-infrared medical instrumentation for monitoring the oxygenation saturation in tissues and mapping activated areas of the brain.

ISS products include photon-counting instruments for steady-state fluorescence applications (PC1), for time-resolved fluorescence (K2TM, ChronosBHTM, ChronosFDTM) and for confocal microscopy (Alba FCSTM and Alba FLIMTM); near infrared products include OxiplexTSTM a non-invasive tissue spectrometer and ImagentTM for the detection of functional brain areas under stimulation.

ChronosTM is the only platform currently available that offers both time- and frequency-domain in the same instrument. In confocal microscopy, ISS products are known for their versatility and customization enabling laboratories around the world to acquire confocal images and perform Fluorescence Correlation (FCS) or Fluorescence Lifetime Imaging (FLIM) experiments. Areas of applications include nanotechnology, material sciences and life sciences (e.g. in living cells).

The latest ALBA product concept includes the ability to run such experiments with up to four channels at high speed opening new ways into the analysis of complex dynamic biochemical processes, *in-vitro* and *in-vivo*. The currently most attractive addition to ISS' confocal product-line, "Fast FLIM", a highly sophisticated lifetime imaging technology, is unsurpassed in speed and resolution.

Innovendia Consulting was founded by Dr. Michael Steinwand, a professional who has his roots in the Life Science and Analytical Instruments industry and with broad experience in modern applications of Fluorescence.

The new alliance with Innovendia Consulting will strengthen the customer support in Europe and will help to increase the already significant number of collaborations in various research fields, particularly in cell biology where the demand for better and more sophisticated fluorescence technologies is growing rapidly.

The new office of ISS in Owingen, Germany, near the Lake of Constance, will serve customers located in Germany, Switzerland, Austria and France.

Contact:

ISS Europe
Innovations in Fluorescence
Bartholomäus-Moser-Weg 4
D-88696 Owingen/Bodensee

Phone: +49 7551 838407

Fax: +49 7551 838408

e-mail: ISSEurope@innovendia.de

