

Where 2B&Y

Sample Handling

18–21 April 2004, Baiona-Vigo, Spain

The **11th Symposium on Sample Handling for Environmental and Biological Analysis** will be held 18–21 April 2004 in Baiona-Vigo (Northwest Spain). The symposium will cover all qualitative and quantitative areas of this field, including technical developments, theoretical considerations, and applications of the techniques in environmental, biological, pharmaceutical analysis, and other related areas.

This successful series, sponsored by the International Association of Environmental Analytical Chemistry (IAEAC), started in November 1983, in Lausanne, Switzerland. It was subsequently held in Freiburg, Germany (1985); Mallorca, Spain (1986); Basel, Switzerland (1988); Baden-Baden, Germany (1991); Guilford, Great Britain (1993); Lund, Sweden (1995); Almeria, Spain (1997); Porto, Portugal (1999); and in Mainz, Germany (2001).

All topics will be introduced in plenary lectures and invited research lectures, which will then be followed by brief research presentations and posters. A special session will be devoted to analytical approaches to

evaluating the impact of the “Prestige” oil spill through environmental and marine biological samples from the Galician Coast. Sampling of future oil spills will also be discussed. Topics of the special session will include marine and coastal pollution, wastewater analysis, micro and nanotechnology in sample handling, and new analytical developments, including biochemical, immunochemical approaches, and Proteomics.

Baiona is a fishing town considered a Gem of Galician Tourism, located 20 km from Vigo, the biggest and most populous city of Galicia (also the most active fishing port in Europe). Baiona is about 100 km from Porto, Portugal, and a similar distance from Santiago de Compostela. The symposium will be held at the “Parador Conde de Gondomar,” an enchanting Middle Age’s fortress that has been recently restored.

Registration is available at a reduced rate until 15 February. The appropriate forms may be downloaded via the conference Web site.



www.iaeac.ch

Bio-interfaces

23–26 May 2004, Barossa Valley, South Australia

The **Physical Chemistry of Bio-interfaces Workshop** will be held immediately following the 7th World Biomaterials Congress (17–21 May 2004, Sydney, Australia). This satellite workshop will focus on providing fundamental mechanistic insights into bio-interfaces using physico-chemical methods. The workshop format will allow for in-depth discussions on topics such as interfacial forces and properties involved in protein/surface interactions, non-fouling surfaces, molecular kinetics of drug delivery, and more.

This meeting will also provide an interdisciplinary forum for the presentation and discussion of experimental and theoretical studies of bio-interfaces and biomolecule-surface interactions. Increased understanding of interactions between biomolecules and

surfaces, the behavior of complex macromolecular systems at materials interfaces, and biomolecule-biomolecule interactions will contribute to the rapid growth in biomedical research, biotechnology, diagnostics, proteomics, genomics, dentistry, and medicine. Advances in materials science, molecular biology, surface and interface analysis methods, and theoretical and modeling approaches to biological systems will be featured in this workshop, as well as experimental tools and theoretical models to describe bio-interface phenomena with physical concepts and rules that allow predictive, model-driven research.

Invited and contributed talks will be selected for their ability to advance fundamental understanding of the topic, relevant to biomaterials, bio-diagnostics, and drug delivery applications.

See Calendar on page 36 for contact information



www.iwri.unisa.edu.au/conferences.htm