

## Recent Advances in Extraction Chromatography

*Mr. Mike Fern*

Eichrom's Workshop will provide attendees information on the latest in radiochemical methods for a variety of sample types. These methods rely on the use of extraction chromatographic materials including TRU, TEVA, UTEVA and Sr Resins. The workshop will begin with a brief explanation of extraction chromatography as well as an update on what's new with Eichrom. Next, users from the major radiochemical laboratory sectors (DOE Agency Laboratory, DOE Site Laboratory and Commercial Contractor Laboratory) will share their experience on sequential actinide and strontium analyses of environmental samples. Comparison of results achieved will be made with 'known' QAP, MAPEP and other results. A comparison of different sequential methods will also be presented. Finally, our own Michaela Langer, of the Eichrom Paris France Office, will present data on bioassay methods used throughout the world. The workshop will be moderated by Dr. William Burnett, Department of Oceanography at Florida State University.