

## **Recent Applications of Environmental LSC Counting**

Several new approaches for measuring radionuclides in the environment using LSC will be presented. Insights into sample preparation and LSC instrument optimization will be presented by several speakers as they describe their applications. The speakers will include:

- Mr. Michael Cantaloub, Oregon State University, USA. Mr. Cantaloub will speak on some novel uses of Alpha/Beta LSC for radon measurement.
- Mr. Brian Carter, Ontario Hydro Canada. Mr. Carter's topic will cover environmental monitoring around a nuclear facility.
- Dr. David DiPrete, Savannah River, Aiken SC, USA will speak on the use of alpha/beta LSC for the measurement of gross alpha activity for high activity waste solutions.
- Mr. James Thomson, Packard Instrument Company, Meriden , CT USA, will present information on sample preparation techniques and cocktail choices for various environmental sample matrices.