Main Emphasis: Application of LSS in Natural Radionuclides Detection.

- Radon in Air by In-Vial Extraction
- Radon in Water by Gross-alpha-beta counting
- Natural Radionuclides in the Environment:
  - Radium in Water by RAD-Disk
  - Radium in the Oil Industry
  - Natural Radionuclides by TDCR-Cerenkov-Counting
  - Radium by Plastic Scintillator Microspheres

Education and Training

- Academical Education e.g. Radioisotope Training Course, Sensorics in Environmental Protection
- Edition of Training Handbooks and Measuring Procedures
- Medical Radiation Protection and Radiochemistry
- Karlsruhe European TC in LS, ERPTC, Rio IRPS, Brisbane SPERA, Bangkok IAEA-OAP

Simple Home Made LS Facility:
- Simple and cheap
- Made from available instrumentation
- No noise reduction by coincidence, thus limited LLDs
- No sample changer

We aim for worldwide. Opening LS for 3rd world countries by:

- Spreading information through Measuring Handbooks for University Education.
- Providing simple LS arrangements for practical exercises

**Facit:**

We will spread LS to developing countries by teaching students and training them in this methodology as multipliers. You may assist this idea by spreading the information given in our recent handbook and/or assisting our Society through donations or active participation.

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15 years of Research, Education and Training in Liquid Scintillation – Heading for More

DGFS - German Society for Liquid Scintillation Spectrometry, was founded during LSC 2001 Conference in Karlsruhe with the aim of developing Modern Liquid Scintillation to a Broader Community.

We are already international with respect to language and members (IAEA, SP, A, Alb. Mcar).
Publications Provided by DGFS e.V.

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