Dear Colleague,

we would like to draw your attention to the following announcement of the

MRS SCIENTIFIC BASIS FOR NUCLEAR WASTE MANAGEMENT XXXVII

September 29th – October 3th , 2013, Barcelona, Spain

Scientific Basis for Nuclear Waste Management XXXVII

Scientific Basis for Nuclear Waste Management is focus on the treatment and disposal of low- and high-level nuclear wastes from commercial power generation and fuel reprocessing. Technologies for interim, short-term, and long-term storage and disposal are of interest, including mature processes as well as new and innovative technologies. Spent fuel final disposal is of special interest in different European countries and supported by European Commission. On the other hand, waste form development, including glass, ceramic, metallic, and composite waste forms. Waste form modeling, performance testing, and advanced characterization techniques will be discussed. Other topics will include design and operation of waste immobilization facilities, as well as repository design, requirements, and licensing.

This symposium originated at the 1978 MRS Meeting and has continued annually. The symposium location alternates between MRS meetings in the United States and international locations in countries that have active nuclear waste management research programs. This year, SBNWM XXXVII will be organized in Barcelona, it is the first time that this symposium is located in Spain, which has 8 Nuclear Plants on operation and an important experience in nuclear plant dismantling (Vandellós I). Furthermore, an Interim Centralized High Nuclear Waste Storage is currently being designed by ENRESA (Spanish Radioactive Waste Agency).

Specific topics of interest include:

1. NATIONAL AND INTERNATIONAL PROGRAMS
2. PERFORMANCE ASSESSMENT
3. DECOMMISIONING AND LOW AND INTERMEDIATE LEVEL WASTES
4. HIGH LEVEL WASTE AND SPENT FUEL
5. GEOLOGICAL DISPOSAL
6. RADIONUCLIDES SOLUBILITY, SPECIATION, SORPTION AND MIGRATION
7. CERAMICS AND ADVANCED MATERIALS
8. TEMPORARY STORAGE: INDIVIDUALIZED (ATI) AND CENTRALIZED (ATC)