

Second Annual Workshop of the SKIN Project



Wednesday, 21 November 2012 - Thursday, 22 November 2012

Paul Scherrer Institut

Scientific Programme

WP2: Experimental Programme 1

Study of solid-solution formation for selected host solids (carbonates, sulfates, silicates, cements) and radionuclides of interest in the near/far field of a radioactive waste repository.

WP3: Experimental Programme 2

Assessment of the kinetics of dissolution of tetravalent oxides under quasi-equilibrium conditions, and the impact of major factors on the rate of retention and release of radionuclides.

WP4: Modeling and Theory

Development of a new partial equilibrium approach to geochemical modelling of the slow uptake of radionuclides in host solid solutions, applied to the experimental and literature data.

Invited lecture: Prof. B. Fritz, University of Strasbourg

Geochemical modelling of nucleation and growth of mineral particles in water-rock interaction processes: the code Nanokin

WP5: Synthesis and Safety Assessment

Overall synthesis of the project results together with previous studies and its impact on the uncertainties for safety assessment.

WP6: Dissemination activities