

## **Presentation list BELBaR, Karlsruhe, October 12-13, 2015**

### **Administration**

1. BELBaR Final Workshop, Patrik Sellin, SKB
2. Organizational matters, Christian Nyström, SKB

### **Work Package 2**

1. WP2 Erosion Introduction, Tiziana Missana, Ciemat
2. Artificial Fracture Tests at B+Tech and Erosion Issues in the Safety Case, Tim Schatz, B+Tech Oy
3. Chemical erosion of a bentonite, a challenge or a threat. Heini Reijonen, Posiva
4. Detachment of colloids at a swelling clay-water interface, Conclusions based on rheological measurements, Rasmus Eriksson, B+Tech Oy
5. Erosion, Colloidal sol properties, Magnus Hedström, Clay Technology
6. WP2 Bentonite Erosion, Franz Rinderknecht, KIT-INE
7. Results from erosion experiments, Radek Cervinka, UJV Rez
8. WP2 Ciemat outcome, Ursula Alonso, Ciemat
9. WP2 Wrap up, Tiziana Missana, Ciemat

### **Work Package 3**

1. WP3 intro, Thorsten Schäfer, KIT-INE
2. Process understanding of radionuclide-colloid interaction with special emphasis on sorption reversibility, N. Sherriff, Manchester University
3. Radionuclide-colloid interaction and transport, Summary of laboratory experiments, Pirkko Hölttä, Helsingfors Universitet
4. Study of radionuclides migration through crushed granite in presence of bentonite colloids, Katerina Videnska, UJV Rez
5. WP3 Colloid radionuclide and host rock interactions, Tiziana Missana, Ciemat
6. WP3 report KIT-INE, Thorsten Schäfer, KIT-INE

### **Work Package 4**

1. Clay colloid stability, Introduction, Radek Cervinka, UJV Rez
2. A new approach of Density functional theory (DFT) on the study of clay stability for the non-restricted primitive model, Guomin Yang, KTH
3. Contribution to the WP4, Muriel Bouby, KIT
4. Montmorillonite gel, Experiments and theory, Magnus Hedström, Clay Technology
5. CIEMAT Outcome WP4 Stability, Ursula Alonso, Ciemat
6. The stability of clay colloids in groundwater, Summary of WP4, Radek Cervinka UJV Rez

### **Work Package 5**

1. Development of two region model Compressed, Ivars Neretnieks, KTH
2. Experiments and modelling & some conclusions from VTTs work, Markus Olin, VTT
3. WP5 expectations based on WP1, Kari Koskinen, Posiva