



ThermoChimie



Update from ThermoChimie

FRIDAY 18TH JUNE 2021, 09:00 - 16:30
Centre Prouvé, Nancy, France

Scope:

Interested parties are invited to attend a free meeting after the 2021 Clay Conference to learn about the latest updates to the ThermoChimie thermodynamic database, its potential uses and ongoing development activities

Content:

The programme will include talks by members of the ThermoChimie steering committee (RWM, Andra, ONDRAF/NIRAS) and technical presentations of work undertaken in support of the project. The meeting will also include ample networking opportunities and time for discussion.

Target audience:

The meeting is targeted at academics and professionals working in the areas of radioactive waste management, environmental radioactivity and radiochemistry, but it may also be of general interest to geochemists and geochemical modellers.

Registration:

The event is free to attend but **places are limited and registration is required**. To register email registration-tc3@thermochimie-tdb.com with your name and affiliation.



ThermoChimie

Background

The ThermoChimie thermodynamic database was first developed in 1995 by Andra, the French national radioactive waste management agency. They have since been joined by Radioactive Waste Management (RWM) from the UK, and ONDRAF/NIRAS from Belgium. ThermoChimie provides an accurate and consistent set of

thermodynamic data specifically chosen for use in modelling the behaviour of radionuclides in waste packages, engineered barriers, and both the near surface and deep geosphere. ThermoChimie is intended for use across the radioactive waste management community, to support repository performance assessment, research and development activities and decision making.

PROVISIONAL AGENDA

Time	Topic/Presenter	Duration
0900 – 0910	Welcome and housekeeping <i>Will Bower, RWM</i>	10 minutes
0910 – 0930	History and objectives of ThermoChimie <i>Will Bower, RWM</i>	20 minutes
0930 – 1030	Database content and management <i>Eli Colàs, Amphos21</i>	1 hour
1030 – 1100	Break	30 minutes
1100 – 1130	Achievements of TC1 and TC2 <i>Lara Duro and Eli Colàs, Amphos21</i>	30 minutes
1130 – 1200	Overview of ongoing ThermoChimie activities <i>Adam Fuller, Galson Sciences Ltd</i>	30 minutes
1200 – 1300	Lunch	1 hour
1300 – 1400	Addition of new data for cement phases to ThermoChimie <i>Philippe Blanc, BRGM</i>	1 hour
1400 – 1500	Incorporation of high temperature thermodynamic data into ThermoChimie <i>Eli Colàs, Amphos21</i>	1 hour
1500 – 1530	Break	30 minutes
1530 – 1610	Future work in the ThermoChimie project <i>Benoît Madé, Andra</i>	40 minutes
1610 – 1630	Closing remarks <i>Stéphane Brassinnes, ONDRAF/NIRAS</i>	20 minutes

Further information available at:
www.thermochimie-tdb.com