

Biography

Andreas Hampel

Dr. Hampel will be providing an Update on the "Joint Project at the fifth US/German workshop. Dr. Andreas Hampel is a physicist who earned his PhD with a thesis on the investigation and modeling of deformation processes in metals and alloys. In 1993, he started at the BGR Hannover with laboratory and in-situ investigations and constitutive modeling of the thermo-mechanical behavior of rock salt. On this basis, he has developed the Composite Dilatancy Model (CDM). Since 1998, he is working as an independent scientific consultant. Since 2004, he has been taking part and coordinating three Joint Projects on the Comparison of Constitutive Models for the Thermo-mechanical Behavior of Rock Salt. In the third project phase he is also coordinating the collaboration of the German project partners with Sandia National Laboratories. Dr. Hampel presented at the third US/German Workshop on the topic of Benchmark Modeling Status Report of the Current Joint Project III.