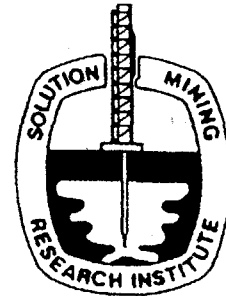


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**MEETING  
PAPER**



## **Some Applications of GEO1D, New Thermo-mechanical Code.**

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## ABSTRACT

Systematic use of 2D and 3D code, for thermo-mechanical analysis of leached cavern behaviour in rock salt, is often, neither necessary nor required. In many cases the 1D assumption enables the engineer to rough out problems. However, study of the phenomena to be taken into account requires the coupling of various properties of salt and product (thermodynamics, constitutive laws, etc ...) and the development of an advanced, user-friendly PC compatible, 1D tool was necessary. This paper presents some of the contributions of such a new tool named GEO1D.

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