

Mark Gesing

Engineer

CanmetMATERIALS

Biography:

Mark Gesing is an engineer working for Natural Resources Canada at the CanmetMATERIALS laboratory in Hamilton where he uses ABAQUS to help researchers gain insights into their experimental results. Some notable projects Mark has been involved with include: simulating Drop-weight-tear, Charpy-V, and modified double-cantilever beam tests; modelling the forming and bending of advanced high-strength tube from sheet; full scale bend simulation of a pressurized line-pipe; the third Sandia fracture challenge; and simulating high-speed machining of stainless-steel and Inconel (the topic of this talk).