



Lecture No. 139

**Czech Society for Mechanics
and Institute of Thermomechanics, CAS**

invite you to a lecture and discussion within
the lecture series **Institute of Thermomechanics Seminar**

Shell elements after 70 years of FEM development. Are we there yet?

given by

Prof. Petr Krysl

University of California, San Diego

There are literally tens of thousands papers from the last several decades on shell finite element technology. So, do we have a good finite element yet?

The list of characteristics that shell finite elements should possess is quite long, and depends on the application. This talk highlights the status in several deployment areas, starting with linear analysis of homogeneous shells, and elements for layered shells (composites), and then touches upon selected recent developments.

**The lecture will be held on Wednesday, August 26, 2025 at 10:00
in the building of the Institute of Thermomechanics (large lecture room),
Dolejšková 5, 182 00 Prague 8**