Why Do We Model Resin Infusion?

1. There Are Many Process Variants:
   - Selection Without Trial and Error
   - Process Optimization
   - Cover for Material Variability

2. There Are Numerous Options in Any of Them

3. Thus, Many Things Can Go Wrong. Modeling Allows:
   - Selection Without Trial and Error
   - Process Optimization
   - Cover for Material Variability

Flow Pattern Determination

Effects of Material and Mold Compliance

Evaluating Permeability from Experimental Data

Addressing Particular Infusion Variations.

Pultrusion:

Acknowledgements

- Over the years, this work has been supported by the Army Research Laboratory, Office of Naval Research, National Science Foundation and Many Others.

- The original LIMS program in versions prior to 4.0 was written by M. Bruschke and S.G. Advani.

- For contributors to versions 4.0 and later, see the statement in LimsUI about box.