

Conference: **SAMPE 2010 Fall Technical Conference, October 11-14, Salt Lake City, Utah.**

Website: <http://sampe.org/events/2010SaltLakeCityUtah.aspx>

Symposium: **Augmenting the Capabilities of Commercial FEA Codes for Advanced Materials and Processes**

Symposium chair: Prof. E. Barbero, West Virginia University

Manuscripts are sought that describe implementation of numerical modeling techniques via user material, user element, and similar strategies into commercial codes that allow such approach, thus augmenting the built-in capabilities of the commercial code. Of particular emphasis are the modeling of material behavior, structural response, process modeling, and similar objectives. Also, novel numerical analysis techniques implemented directly on source code and/or ad-hoc code will be considered provided the strategy cannot be implemented via available mechanisms in commercial code and a discussion of the difficulties involved is included. Contributions including, but not limited to, implementation into finite element codes are sought. There is a presentation requirement associated to the publication of the manuscript in the proceedings. Manuscripts with main authorship by students reporting on their graduate research are actively sought.

Please submit 100-200 word abstract ASAP but no later than March 5, 2010 to:

<https://paper.sampe.org/Login.aspx>

Please specify that I invited you so your contribution goes to my Symposium.

Thank you.

E. Barbero