

with digital image correlation techniques (COSI-Corr and VOC-2D).

image correlation.

favorable heterogeneity.

· Performed dynamic measurements by coupling high speed photography and digital

· Designing experiments to study potential transition to supershear speeds due to

 <u>Study discussed in this poster</u>: interface is either uniform or partially glued in order to confine the rupture before it reaches the ends of the specimen.

 <u>Ongoing work</u>: interface contains a patch of heterogeneity with lower strength, higher stress, or pre-existing subcritical crack. The aim is to study dynamic triggering of a secondary rupture on a patch of heterogeneity and explore potential transition to supershear speeds (Liu and Lapusta, 2008).