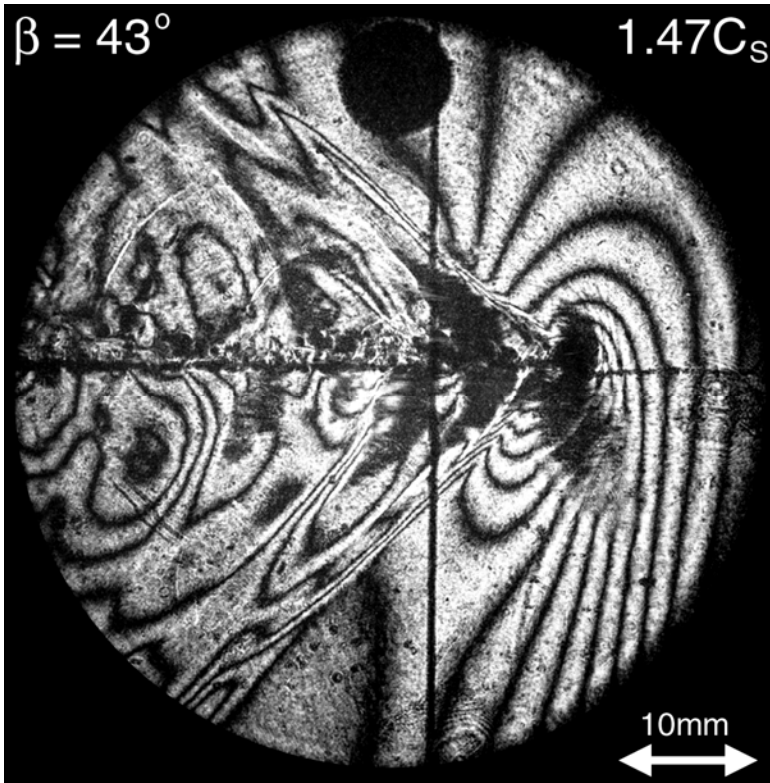


DEMONSTRATING THAT INTERSONIC CRACKS EXIST

Intersonic Mode-II Crack Propagation and Shockwave Formation

Rosakis, Samudrala & Coker (Science, May 1999)

Ares Rosakis



- Homogeneous interface (homalite/homalite)
- Intersonic shear rupture
- Stable rupture speed at $\sqrt{2}c_s$

