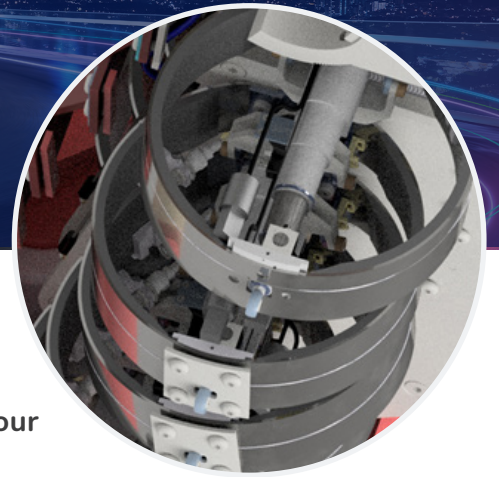


FIBER OPTIC WORLD SID RIB WORKSHOP



In-Person Demonstration and Workshop

Learn what this amazing new shape sensing device can do from our design experts in a hands-on session!

Most of the world's current portfolio of crash test dummies use thorax rib displacement sensors that give us single point measurements that do not accurately represent the shape deformation of the rib cage. Humanetics has teamed up with Fibercore to design an ingenious new fiber optic rib for the WorldSID-50M ATD that uses a single optical fiber with multiple strain measurement nodes to calculate the entire rib shape.

Please join us for an in-depth hands-on demonstration including drop tower and in-dummy thorax impact tests showing how the fiber rib system creates a detailed map of shape deformation. Customer questions and feedback are encouraged to help familiarize everyone with this new tool that can further the science of injury measurement in anthropomorphic crash test devices.

When

Tuesday, February 8th, 2022

Where

Humanetics Corporate Office

23300 Haggerty Road
Farmington Hills, MI 48335
United States of America

Time

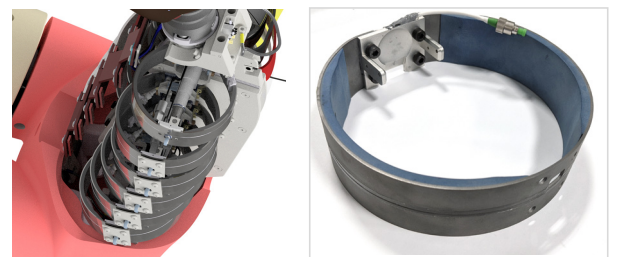
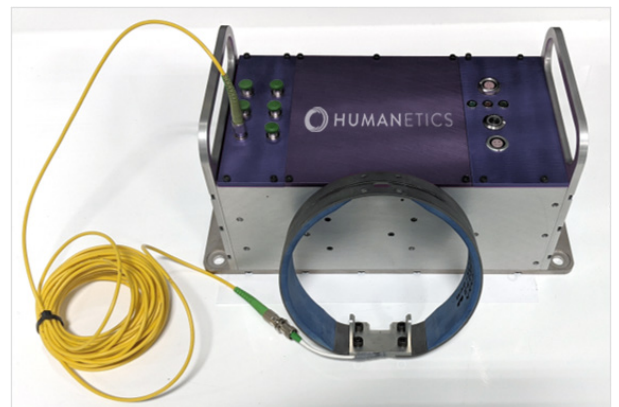
10:00am - 2:00pm EST

What to Know

The workshop is approximately 4 hrs. with lunch provided. There is no charge to attend, but you must reserve a space. Space is limited due to social distancing requirements so please contact us today for a free reservation!

Contact

events@humaneticsatd.com



Our Fiber Optic Ribs Feature:

- 2D measurement system of entire inner rib shape
- One fiber per rib
- One Electronics Box per dummy
- Drop into current dummies without modifications
- Little to no effect on rib performance
- Both IR-TRACC and Fiber Optic Rib can be mounted at the same time
- Design uses 8 FBG sensors per rib
- Fiber optic rib instrumented dummy was tested on a sled