

# Trigno<sup>™</sup> dEMG Wireless Sensor



**1972** Introduction of the quadrifilar needle electrode (invasive) for recording Neural Firings/Motor Units



2018 Trigno<sup>™</sup> dEMG The future of EMG decomposition (non-invasive) for recording Neural Firings/Motor Units during isometric and natural movement

The non-invasive EMG sensing technology is among the first-ever designed for closeproximity recordings of muscle activity from the surface of the skin – increasing both the quantity and quality of neural information that we can see.

Wireless dEMG and Analysis Pattern Recognition Software provides researchers with opportunities to investigate: Deficits and gains in muscle strength, muscle dexterity, movement coordination and balance during natural movements.

Learn More

## DELSYS WEBINAR SERIES New Platform for Recording Neural

# Activity During Functional Human Movement



Human movement is governed by a cascade of signals that travels from the brain to the muscles. These signals activate motor units to generate muscle contractions, force and movement. Motor unit firings have until now remained inaccessible during human movement, limiting our understanding of how functional activities are controlled.

Join us to learn about Trigno dEMG – the first non-invasive technology capable of identifying motor unit firings during movement – which will revolutionize research in human-machine interface, clinical neuromuscular assessment, sports science, and more.

## Speakers



Dr. Paola Contessa Research Scientist



Mr. John Letizi Research Engineer

## Watch Live:

- April 16, 2018 at 9:00am EST
- April 17, 2018 at 2:00pm EST
- April 18, 2018 at 9:00pm EST

#### Registration



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