Long-term Wearable Sensor Suite for Real-World Biomechanical Tracking in Prosthetics
Yisen Wang¹, Jingjun Liu¹, Lauro V. Ojeda², Peter G. Adamczyk¹
¹University of Wisconsin-Madison; ²Navigation Solutions, LLC

Results and Discussion
- Lab-like scientific comparisons from everyday movement data
- Statistical comparison from frequently repeated path
  Stride length, stride width, prosthetic socket load, ...

Future work
- Prosthetics Testing
- WiFi/Magnetic Field SLAM
- Machine Learning: indoor/outdoor detection • corners • ramps
- Potential application: orthoses, wheelchairs, exoskeletons, etc.

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References: