

MILESTONES 2024

Two SwRI instruments are among the nine launched aboard NASA's Europa Clipper spacecraft in October. The spacecraft is designed to conduct a detailed reconnaissance of Jupiter's moon Europa, investigating whether its vast subsurface ocean could harbor

conditions suitable for life. SwRI developed the MAss Spectrometer for Planetary EXploration (MASPEX) and Ultraviolet

Spectrograph (Europa-UVS) to explore Europa, Jupiter's fourth-largest moon and one of the most likely locations for potential life in our solar system.

MASPEX
EUROPA-UVS

106919

For more than a decade, SwRI engineers have supported Shell Eco-Marathon events with technical inspections, design assessments and real-time fuel measurement for the ultra-energy-efficient vehicles designed, built and driven by student teams from around the world.



106908

AWARDS

Dr. Marc Janssens: National Fire Protection Association® DiNenno Prize Laureate

Dr. Kelly Miller: NASA Early Career Award

Kevin Shannon: ASTM Daniel H. Green Award

Dr. Alan Stern: Commercial Spaceflight Federation James Kuzima Public Communications Award & AIAA Fellow

Dr. Kristin Ulmer: Earthquake Engineering Research Institute Younger Member Award

Dr. Sergey Vinogradov: American Society for Nondestructive Testing Ward Rummel Engineering Excellence Award

559 PAPERS
PUBLISHED
PODCASTS 14
22 WEBINARS
PRESENTATIONS
GIVEN 714
9 STREAMING
MEDIA

HONORS

Nathan Andrews: Associate Fellow American Institute of Aeronautics and Astronautics (AIAA)

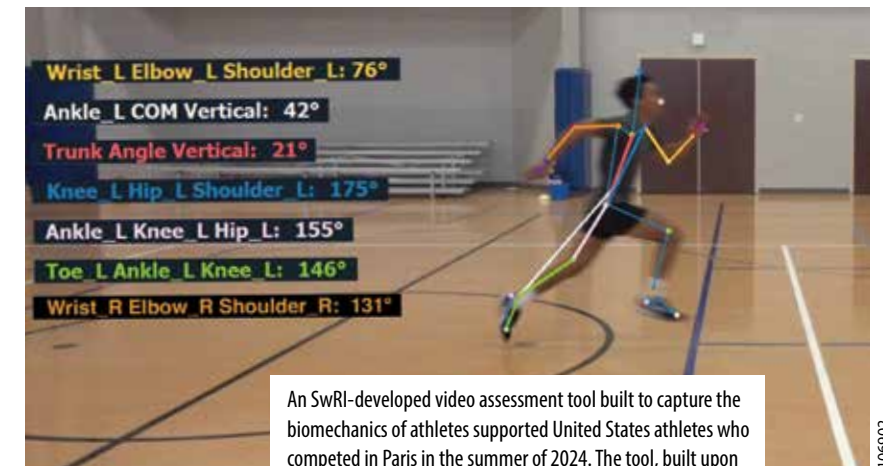
Jessica Brysch: 2023 Empowering Women in Industry Conference – Mentor of the Year

Dr. Steve Dellenback: Appointed to the U.S. Department of Transportation Transforming Transportation Advisory Committee

Dr. Nick Mueschke: AIAA Associate Fellow

Matt Robinson: Manufacturing USA – 2024 Modern Makers

Dr. James Walker: President, International Ballistics Society & Distinguished Scientist of the Hypervelocity Impact Society



An SwRI-developed video assessment tool built to capture the biomechanics of athletes supported United States athletes who competed in Paris in the summer of 2024. The tool, built upon SwRI's markerless biomechanics technology, uses video from a single cell phone camera to measure the mechanics of an athlete and provide feedback to the coaching staff.

106902

PATENTS &
INVENTIONS

35 U.S. PATENTS
AWARDED

U.S. PATENT
APPLICATIONS FILED 54

50 INVENTION
DISCLOSURES
SUBMITTED

3,237
EMPLOYEES

2,202
DEGREES

339 DOCTORATES

623 MASTERS

1,019 BACHELORS

221 ASSOCIATES

On Hydrogen Day, staff members from across the Institute gathered around SwRI's H₂-ICE demonstration vehicle, fuel-cell vehicle and onsite liquid hydrogen tank, just a few examples of our commitment to a wide range of clean hydrogen applications. Research includes clean hydrogen production, fuel blending, infrastructure embrittlement, safety and more.



106902