

David S. De Lorenzo

**Technical Director - Stanford Center
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PhD, Stanford University (2007)

MS, University of California, Davis (1996)

BS, Washington State University (1990)

David De Lorenzo is the Technical Director of the Stanford Center for Position, Navigation, and Time and Sr. Technical Director at Athentek, Inc., a mobile location and navigation security start-up. His current research focus is in multi-sensor mobile location, marine conservation and wildlife tagging studies, innovative navigation experiments enabled by hobby-class UAVs, and navigation systems security and integrity. He received the Ph.D. degree in Aeronautics and Astronautics from Stanford University, co-founded two successful navigation technology start-ups, and previously has worked for Lockheed Martin and for the Intel Corporation.

Dr. De Lorenzo has been awarded 19 U.S. patents and has authored or co-authored over 60 papers in peer-reviewed journals, conference proceedings, and trade publications. A full listing is available upon request.

Projects:

SHARK TAG: Dr. De Lorenzo developed the technical proposal, system architecture, and first laboratory prototypes for 'Shark Tag', a project in collaboration with the Hopkins Marine Station to develop and field an entirely new class of GPS-enabled wildlife tracking tags as part of a broad initiative that will target illegal fishing within protected marine sanctuaries.

JÄGER: Dr. De Lorenzo was UAV test pilot and part of the team developing JÄGER, a reconfigurable flying testbed based on hobby-class UAVs which explores innovative navigation, sensor-fusion, and path-planning experiments.