

David Wettergreen

Research Professor at Carnegie Mellon University

Pittsburgh, PA, US

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Biography

David Wettergreen is perhaps most well known for deploying robots around the world in polar and desert environments, and into volcanoes, caves and locations that compel scientific investigation without human presence. His research focuses on robotic exploration and has included leading teams of researchers testing the wheels of the rovers that have explored Mars. For nearly 20 years, he has created robotic vehicles and technologies in navigation and autonomy and pioneered techniques for robotic investigation and automated scientific data analysis. Field investigations with innovative robots in challenging environments is a hallmark of his experimental method.

Industry Expertise

Computer Software, Computer Hardware

Areas of Expertise

Human-Robot Interaction, Underwater Robotics, Space Robots and Systems, Robotics for Scientific Discovery, AI Reasoning for Robotics, Human-Centered Robotics, 3-D Vision and Recognition

Education

Carnegie Mellon University

Ph.D. Robotics

Carnegie Mellon University

M.S. Software Systems

Carnegie Mellon University

B.S. Mathematics and Computer Science

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