

Nexdata to Showcase Physical AI Data Solutions at IROS 2026

Nexdata, a global AI data solutions provider, will participate in IROS 2026 from September 27 to October 1 in Pittsburgh, Pennsylvania, USA. At Booth #640

LA, CA, UNITED STATES, September 15, 2026 /EINPresswire.com/ -- Nexdata, a global AI data solutions provider, will participate in IROS 2026 (IEEE/RSJ International Conference on Intelligent Robots and Systems) from September 27 to October 1 in Pittsburgh, Pennsylvania, USA. At Booth #640, Nexdata will showcase its Physical AI data resources and services, covering Teleoperation, UMI, Ego-Centric, and Simulation data.



As Physical AI models continue to develop toward more complex perception, decision-making, and interaction capabilities, diverse data is needed to support different stages of robot learning. At IROS 2026, Nexdata will present its data resources and Bespoke services for Physical AI model training and development.

Nexdata's Physical AI data offerings to be featured at IROS 2026 include:

Teleoperation Data: 10,000+ hours of Dexterous Hand Teleoperation Datasets, together with 266,000+ images for robot vacuum cleaners and robotic lawn mowers.

UMI Data: Bespoke UMI Data Collection Services covering different scenarios and tasks, with a monthly capacity of 50,000+ hours.

Ego-Centric Data: 135,000+ hours of Single-, Dual-, and Multi-Camera Ego-Centric Datasets across different scenarios and tasks.

Simulation Data: 288 million 3D Models & Scenes data items, along with Scan-to-Sim Services for Physical AI simulation data development.

Behind these data capabilities, Nexdata operates an 8,000 m² Physical AI data factory with

collection environments covering home, retail, warehouse, industrial, office, and other scenarios. The facility supports various robot platforms, including humanoid robots, robotic arms, and dexterous hands, for data collection across tasks such as grasping, placing, carrying, sorting, organizing, and assembly.

Based on different model development and project requirements, Nexdata provides an integrated range of services covering off-the-shelf datasets, Bespoke data collection, data annotation, and model validation.

During IROS 2026, Nexdata will also present its Physical AI data solution and related practices:

Presentation: Nexdata Physical AI Data Solution

Speaker: Minji Bai

Date: Tuesday, September 29

Time: 3:45 PM – 4:00 PM

The presentation will introduce Nexdata's approach to Physical AI data and its data capabilities for supporting robot learning and model development.

Visitors to IROS 2026 can meet the Nexdata team at Booth #640 from September 27 to October 1 to explore its Physical AI datasets, Bespoke data services, and project capabilities.

About Nexdata

Nexdata is a global AI data solutions provider offering data resources and services for AI model development. Its services include off-the-shelf datasets, Bespoke data collection, data annotation, and model validation, supporting areas including Physical AI, Generative AI, Conversational AI, and other AI applications.

For more information about Nexdata and its Physical AI data solutions, visit the [Nexdata website](#).

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