

Pavelink by Yan Zhang and Jialu Hou Wins Iron A' Design Award in Futuristic Design Category

Innovative Modular Road-Building Machine Recognized for Advancing Infrastructure Development and Accessibility

COMO, CO, ITALY, August 20, 2025 /EINPresswire.com/ -- The A' [Design Award](#), a highly respected and well-recognized award in the field of [futuristic](#) design, has announced Pavelink by [Yan Zhang and Jialu Hou](#) as the recipient of the Iron A' Design Award in the Futuristic Design category. This prestigious recognition highlights the significance of Pavelink's innovative approach to enhancing efficiency, safety, and accessibility in infrastructure development.

Pavelink's modular and intelligent design aligns with the growing demand for advanced solutions in the futuristic design industry. By integrating cutting-edge technologies such as IoT, autonomous driving, and AI-assisted automation, Pavelink addresses the challenges faced in road construction, particularly in underdeveloped regions, disaster-affected areas, and rugged terrains. This innovative design not only benefits the industry but also has the potential to positively impact communities by making safe and reliable roads more accessible.

Pavelink stands out as a pioneering design in the field of road construction machinery. Its truck-formed system features four detachable modules that transform into autonomous compactors, loaders, bulldozers, and excavators, enabling efficient and coordinated road-building operations. The AI-powered drone provides real-time terrain analysis, optimizing paving strategies and enhancing overall performance. By combining modular adaptability, smart coordination, and advanced automation, Pavelink sets a new standard for futuristic road construction equipment.



Pavelink

The recognition from the A' Design Award serves as a testament to Yan Zhang and Jialu Hou's commitment to innovation and their dedication to addressing real-world challenges through design. This achievement is expected to inspire further advancements in the field of futuristic design, encouraging designers and industry professionals to explore new possibilities and push the boundaries of what is possible in infrastructure development. The Pavelink team remains motivated to continue their pursuit of excellence and contribute to the creation of a more connected and accessible world.

Team Members:

Pavelink was designed by Yan Zhang, who served as the project lead, and Jialu Hou, who contributed to the product design and technology integration aspects of the project.

Interested parties may learn more about the design at:

<https://competition.adesignaward.com/ada-winner-design.php?ID=168268>

About Yan Zhang and Jialu Hou:

Yan Zhang, Dean of Industrial Design School at Shandong University of Arts & Design and Director of Co-operation and Development Department, collaborates with Jialu Hou, a designer with expertise in product, fashion, and emerging technology. Jialu Hou holds a postgraduate degree from the Royal College of Art and an undergraduate degree from Shandong University of Arts & Design. Together, they bring a multidisciplinary approach to their innovative designs, combining their knowledge and skills to create impactful solutions.

About Shandong University of Art & Design:

Shandong University of Art & Design (SUAD), founded in 1973, is a leading public institution in Jinan, China. As one of the country's 31 independent art and design academies, SUAD offers a wide range of programs, including bachelor's and master's degrees, vocational training, and continuing education. With two well-equipped campuses featuring advanced facilities, SUAD is dedicated to nurturing artistic innovation and cultural development, making significant contributions to the creative industries both nationally and internationally.

About A' Design Award:

The Iron A' Design Award is a prestigious recognition granted to designs that meet the rigorous professional and industrial standards set by the A' Design Awards. Recipients of this award are acknowledged for their practical innovations and contributions to their respective fields, providing solutions that improve quality of life and foster positive change. The Iron A' Design Award celebrates designs that demonstrate a solid understanding of design principles, showcase creativity, and address real-world challenges through thoughtful execution. The award is bestowed upon works that exhibit technical competence, expertise, and innovative thinking, serving as a testament to the skill and dedication of their creators.

About A' Design Award:

The A' Futuristic Design Award is a globally recognized design competition that attracts a wide

range of participants, including innovative designers, forward-thinking companies, and influential entities in the design and technology industries. By taking part in this prestigious competition, entrants have the opportunity to showcase their creativity, gain international exposure, and be recognized for their exceptional futuristic design capabilities. The A' Design Award is an international and juried design competition, organized across all industries since 2008. Now in its 17th year, the competition welcomes entries from all countries, with the ultimate aim of recognizing and promoting superior products and projects that advance and benefit society, contributing to the creation of a better world.

Interested parties may learn more about the A' Design Awards, explore jury members, view past laureates, and participate with their projects at: <https://futuristicdesignaward.com>

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