PrediTwins to Unveil New Digital Twin Technology at World Football Summit Madrid

The French sports-science company will present its digital twin platform, already in use with professional clubs, at WFS Madrid on September 15-16, 2026.



This is PrediTwins

FRANCE, September 10, 2026 /EINPresswire.com/ -- Lille, France - PrediTwins, a French sports-science company building digital twin technology for professional football, today announced its presence at the World Football Summit (WFS) in Madrid, taking place September 15-16, 2026. At its booth, PrediTwins will show how its platform models each player's own biomechanics rather than relying on the wearable sensors and population averages used by most sports-science tools on the market.

> Madrid is where football professionals are all in one room. It's the right place to show what an AI-powered, scientifically validated model of a player can do that current market solutions can't."
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> *Ziad Zairi, CEO, PrediTwins*

At the center of the platform is a personalized biomechanical model of every player, powered by AI and grounded in that athlete's own kinematic and physiological data, updated daily inside PrediTwins Monitoring. Performance staff uses it to track fatigue, trainability, and injury-risk indicators for that individual player, rather than reading his metrics against a generic population baseline, the standard behind most wearable and statistical software on the market today.

The company's second product, PrediTwins Trainer, extends the same biomechanical model to planning. Coaches can simulate a training session or match scenario against a player's own model before running it, and compare projected loads across scenarios rather than adjusting a plan only after a wearable has already flagged a problem.

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right place to show what an AI-powered, scientifically validated model of a player can do that the current market solutions can't."
Ziad Zaïri, CEO, PrediTwins

PrediTwins already works with professional clubs including Valenciennes FC, RC Lens and Red Star FC. A retrospective validation run with Red Star FC and Valenciennes FC over the 2025/26 season found the platform correctly flagged 31 of 34 muscle injuries, with an average five-day advance warning. At WFS, the company will focus on how simulation-based planning, backed by this validation, is replacing reactive, after-the-fact adjustments to training load.

PrediTwins will be at its stand throughout WFS Madrid, booth 8, on September 15-16, 2026, and welcomes meeting requests from clubs, sporting directors, and press attending the event.

Boilerplate - About PrediTwins
Simulating the athlete, not just monitoring him

What PrediTwins does, where it came from, and how its technology differs from the rest of the sports-science market.

Most sports-science software available to professional football clubs today works the same way: a wearable device or GPS tracker records external load and physiological signals, and a statistical model compares those readings against population averages to flag fatigue or injury risk. The player is represented as a set of numbers benchmarked against everyone else.

PrediTwins takes a different approach. Founded out of academic research in mechanics of materials and biomechanical simulation, the company builds a digital twin, an AI-powered, biomechanically accurate model of each player, constructed from kinematic capture and physiological data specific to that athlete. Rather than comparing a player to the average, PrediTwins simulates how his own body responds to load. A retrospective validation with two professional clubs over the 2025/26 season found the approach correctly flagged 31 of 34 muscle injuries, with an average five-day advance warning and 83% specificity.

Ziad Zairi
PrediTwins Lab
+33 6 31 36 97 72
email us here
Visit us on social media:
LinkedIn
Instagram

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