

Dear readers,

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After a busy spring filled with trade fairs, demonstrations, and many interesting conversations, May gave us the opportunity to take our latest developments to new audiences. One event in particular stood out.

Enjoy reading!

OTWorld 2026 - Taking the Next Step

This year marked our first participation at OTWorld in Leipzig - and, in fact, our first exhibition focused specifically on orthopedics, rehabilitation, and medical technology. We were curious to see how our technology would be received in this environment. The answer came quickly.

Throughout the exhibition, our booth was continuously filled with visitors interested in force sensing applications. Many discussions focused on challenges that cannot be solved with off-the-shelf solutions, highlighting the importance of custom sensor development tailored to specific applications and user requirements.

Our shoe insole demonstrator attracted particularly strong interest.

What started only a few months ago as a workshop prototype has now evolved into a demonstrator that clearly shows the potential of force sensing impedance technology in medical technology applications.



Perhaps even more exciting was the response to our latest wireless prototype. By integrating Bluetooth connectivity, insole force measurements can be visualized without wired connections, creating a significantly more flexible platform for future developments. The positive feedback confirmed what many visitors immediately recognized: the possibilities extend far beyond a single use case. Whether in sports science, rehabilitation, or medical monitoring, understanding how force is distributed and changes over time can provide valuable insights. We are excited to continue developing this platform and, as always, we will take you along on the journey. In the coming months, we look forward to sharing further updates, development milestones, and insights from the next stages of the projects we have.

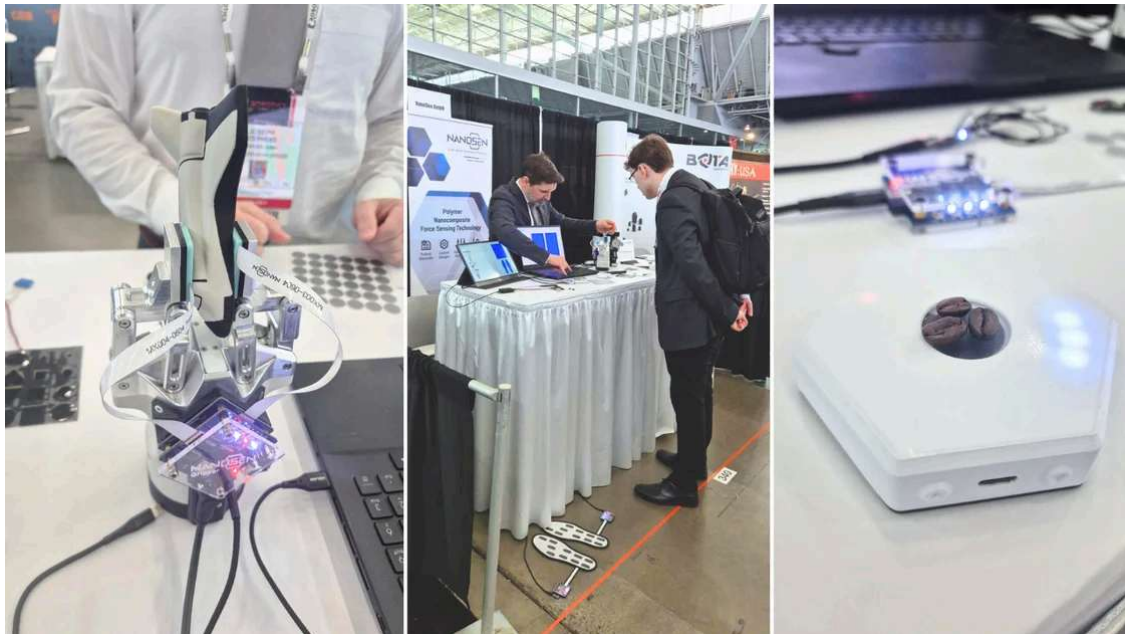


Robotics Summit Boston

This week, our colleagues were also representing NanoSen at the Robotics Summit in Boston. The discussions there reflected a trend we have been observing for quite some time: our force sensing is increasingly moving from research environments into real robotic applications.

Our Scorpion Gripper demonstrator, developed together with Sarcomere Dynamics, continued to attract strong interest and enabled many in-depth discussions about robotic interaction, force control, and future integration opportunities.

Taken together, both events highlighted something we are seeing more and more often. The same sensing technology is beginning to find its way into very different fields - from medical and rehabilitation applications to advanced robotic systems.



Looking Ahead

And while some of the most exciting projects are still sitting on our development roadmap, we can already say that several new developments are currently taking shape behind the scenes.

Exactly how many projects are currently running in parallel remains a closely guarded secret. How the development team still finds time to sleep remains an even bigger mystery.

We will share more in the next newsletter.

Best regards,

The NanoSen Team

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