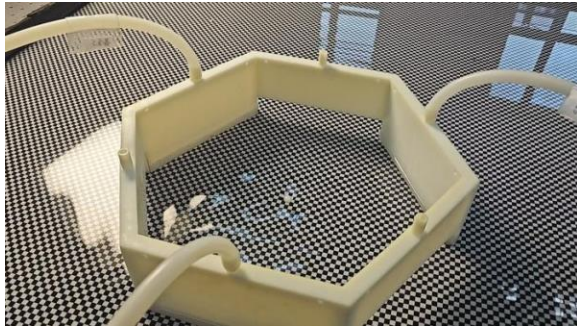


12 March 2025

## **New Technique Manipulates Water Waves to Precisely Control Floating Objects**



Where there is water, there are waves. But what if you could bend water waves to your will to move floating objects?

NTU Singapore co-led a team of international researchers who achieved this with physics.

The scientists developed a technique to merge waves they created in a water tank. Combining the waves produced complex patterns. The patterns made twisting loops of water and swirling vortices.

Read more at [Nanyang Technological University](https://www.nanyangtechnological.edu.sg/)

Image: A hexagon-shaped plastic structure was used to generate waves that merged to form complex patterns on the water surface in a tank for an experiment co-led by Nanyang Technological University, Singapore. These patterns drew in and trapped a floating foam ball within them. (Credit: Henan University)

<https://www.enn.com/articles/76156-new-technique-manipulates-water-waves-to-precisely-control-floating-objects>